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AN 2004:57467 USPATFULL
TI Dipeptidyl peptidase i crystal structure and its uses
IN Olsen, Johan Gotthardt, Copenhagen N, DENMARK
Kadziola, Anders, Hellerup, DENMARK
Dahl, Soren Weis, Rungsted Kyst, DENMARK
Lauritzen, Connie, Rodovre, DENMARK
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Turk, Susan, Ljubljana, SLOVENIA
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Stern, Igor, Ljubljana, SLOVENIA
PI US 2004043469 A1 20040304
AI US 2003-363712 A1 20030815 (10)
WO 2001-DK580 20010906
PRAI DK 2000-1343 20000908
DT Utility
FS APPLICATION
LN.CNT 23413
INCL INCLM: 435/226.000
NCL NCLM: 435/226.000
IC [7]
ICM: C12N009-64
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 216 USPATFULL on STN
AN 2004:13611 USPATFULL
TI Albumin fusion proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES
PI US 2004010134 A1 20040115
AI US 2001-833245 A1 20010412 (9)
PRAI US 2000-256931P 200001221 (60)
US 2000-199384P 200000425 (60)
US 2000-229358P 200000412 (60)
DT Utility
FS APPLICATION
LN.CNT 25066
INCL INCLM: 536/023.500
INCLS: 530/363.000; 514/012.000; 435/069.700; 435/320.100; 435/325.000
NCL NCLM: 536/023.500
NCLS: 530/363.000; 514/012.000; 435/069.700; 435/320.100; 435/325.000
IC [7]
ICM: C07H021-04
ICS: C12P021-04; C12P021-02; C07K014-765; A61K038-38
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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AN 2004:512350 SCISEARCH
GA The Genuine Article (R) Number: 824BF
TI Key elements for protein foldability revealed by a combinatorial approach
among similarly folded but distantly related proteins
AU Morimoto S; Tamura A (Reprint)
CS Japan Sci & Technol Corp, PRESTO, Kobe, Hyogo 6578501, Japan (Reprint);
Kobe Univ, Grad Sch Sci & Technol, Kobe, Hyogo, Japan
CYA Japan
SO BIOCHEMISTRY, (1 JUN 2004) Vol. 43, No. 21, pp. 6596-6605.
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
ISSN: 0006-2960.
DT Article; Journal
LA English
REC Reference Count: 43
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L2 ANSWER 4 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 1
AN 2004:129552 BIOSIS
DN PREV200400130417
TI Propeptide does not act as an ***intramolecular*** ***chaperone***
but facilitates protein disulfide isomerase-assisted folding of a
conotoxin precursor.
AU Buczek, Olga; Olivera, Baldomero M.; Bulaj, Grzegorz [Reprint Author]
CS Department of Biology, University of Utah, Salt Lake City, UT, 84112, USA
bulaj@biology.utah.edu

SO Biochemistry, (February 3 2004) vol. 43, No. 4, pp. 1093-1101. print.
ISSN: 0006-2960 (ISSN print).
DT Article
LA English
ED Entered STN: 3 Mar 2004
Last Updated on STN: 3 Mar 2004

L2 ANSWER 5 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
AN 2004:350542 CAPLUS
TI Identification of furin pro-region determinants involved in folding and activation
AU Bissonnette, Lyne; Charest, Gabriel; Longpre, Jean-Michel; Lavigne, Pierre; Leduc, Richard
CS Faculty of Medicine, Department of Pharmacology, University of Sherbrooke, Sherbrooke, QC, J1H 5N4, Can.
SO Biochemical Journal (2004), 379(3), 757-763
CODEN: BIJOAK; ISSN: 0264-6021
PB Portland Press Ltd.
DT Journal
LA English
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L2 ANSWER 6 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:135710 BIOSIS
DN PREV200400137557
TI Fine sequence details significantly influence folding pathways and folding dependencies.
AU Subbian, Ezhilkani [Reprint Author]; Shinde, Ujwal [Reprint Author]
CS Department of Biochemistry and Molecular Biology, Oregon Health and Sciences University, Portland, OR, USA
SO Biophysical Journal, (January 2004) Vol. 86, No. 1, pp. 621a. print.
Meeting Info.: 48th Annual Meeting of the Biophysical Society. Baltimore, MD, USA. February 14-18, 2004. Biophysical Society.
ISSN: 0006-3495 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 10 Mar 2004
Last Updated on STN: 10 Mar 2004

L2 ANSWER 7 OF 216 MEDLINE on STN
AN 2004226867 IN-PROCESS
DN PubMed ID: 15125234
TI In Process Citation.
AU Anonymous
CS Skryabin Institute of Biochemistry and Physiology of Microorganisms, Russian Academy of Sciences, Pushchino, Moscow Region, 142290 Russia.
SO Molekuliarnaia biologija, (2004 Mar-Apr) 38 (2) 288-96.
Journal code: 0105454. ISSN: 0026-8984.
CY Russia: Russian Federation
DT Journal; Article; (JOURNAL ARTICLE)
LA Russian
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20040506
Last Updated on STN: 20040506

L2 ANSWER 8 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2004:162359 SCISEARCH
GA The Genuine Article (R) Number: 770WV
TI Cloning and analysis of WF146 protease, a novel thermophilic subtilisin-like protease with four inserted surface loops
AU Wu J; Bian Y; Tang B (Reprint); Chen X D; Shen P; Peng Z R
CS Wuhan Univ, Coll Life Sci, Dept Biotechnol, Wuhan 430072, Peoples R China
(Reprint)
CYA Peoples R China
SO FEMS MICROBIOLOGY LETTERS, (30 JAN 2004) Vol. 230, No. 2, pp. 251-258.
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
NETHERLANDS.
ISSN: 0378-1097.
DT Article; Journal
LA English
REC Reference Count: 32
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 9 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3

AN 2004:307198 CAPLUS
TI Interdependent Effects of the Charge of the N-Terminal Region of the Signal Peptide, SecA, and SecB on Secretion of Alkaline Phosphatase in Escherichia coli
AU Khokhlova, O. V.; Nesmeyanova, M. A.
CS Skryabin Institute of Biochemistry and Physiology of Microorganisms, Russian Academy of Sciences, Pushchino, 142290, Russia
SO Molecular Biology (Moscow, Russian Federation, English Edition) (Translation of Molekulyarnaya Biologiya) (2004), 38(2), 239-246
CODEN: MOLBBJ; ISSN: 0026-8933
PB MAIK Nauka/Interperiodica Publishing
DT Journal
LA English
RE.CNT 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 216 JICST-Eplus COPYRIGHT 2004 JST on STN
AN 1040216419 JICST-Eplus
TI Folding of a Peptide Hormone Assisted by a Propeptide: Folding of Hybrid Disulfide Isomers of Uroguanylin and Heat-stable Enterotoxin
AU HIDAKA Y; NIINOBE M
CS ITO L; SEGAWA K; YAMAGUCHI H
Osaka Univ., Osaka, Jpn
SO Pept Sci, (2004) vol. 2003, pp. 103-106. Journal Code: X0695A (Fig. 2, Ref. 13)
ISSN: 1344-7661
CY Japan
DT Conference; Article
LA English
STA New

L2 ANSWER 11 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:413415 CAPLUS
TI Cofactor processing in galactose oxidase
AU Firbank, Susan; Rogers, Melanie; Guerrero, Ramon Hurtado; Dooley, David M.; Halcrow, Malcolm A.; Phillips, Simon E. V.; Knowles, Peter F.; McPherson, Michael J.
CS Astbury Centre for Structural Molecular Biology, University of Leeds, Leeds, UK
SO Biochemical Society Symposia (2004), 71, 15-25
CODEN: BSSYAT; ISSN: 0067-8694
PB Portland Press Ltd.
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2004:473630 SCISEARCH
GA The Genuine Article (R) Number: BAA67
TI Cofactor processing galactose oxidase
AU Firbank S; Rogers M; Guerrero R H; Dooley D M; Halcrow M A; Phillips S E; Knowles P F; McPherson M J (Reprint)
CS Univ Leeds, Sch Biochem & Mol Biol, Astbury Ctr Struct Mol Biol, Leeds LS2 9JT, W Yorkshire, England (Reprint); Montana State Univ, Dept Chem & Biochem, Bozeman, MT 59717 USA; Univ Leeds, Sch Chem, Leeds LS2 9JT, W Yorkshire, England
CYA England; USA
SO FREE RADICALS: ENZYMOLOGY, SIGNALLING AND DISEASE, (MAY 2004) No. 71, pp. 15-25.
Publisher: PORTLAND PRESS LTD, 59 PORTLAND PL, LONDON W1N 3AJ, ENGLAND.
ISSN: 0067-8694.
DT Article; Journal
LA English
REC Reference Count: 29
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 13 OF 216 USPATFULL on STN
AN 2003:312278 USPATFULL
TI Albumin fusion proteins
IN Rosen, Craig A.; Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES
PI US 2003219875 A1 20031127
AI US 2001-833118 A1 20010412 (9)
PRAI US 2000-256931P 20001221 (60)

US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)
DT Utility
FS APPLICATION
LN.CNT 15415
INCL INCLM: 435/069.700
INCLS: 435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
NCL NCLM: 435/069.700
NCLS: 435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
IC [7]
ICM: A61K038-38
ICS: C07H021-04; C12P021-04; C07K014-76
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 14 OF 216 USPATFULL on STN
AN 2003:282700 USPATFULL
TI Albumin fusion proteins
IN Ballance, David J., Berwyn, PA, UNITED STATES
Sleep, Darrell, West Bridgford, UNITED KINGDOM
Prior, Christopher P., Rosemont, PA, UNITED STATES
Sadeghi, Homayoun, Doylestown, PA, UNITED STATES
Turner, Andrew J., Eagleville, PA, UNITED STATES
PI US 2003199043 A1 20031023
AI US 2001-832501 A1 20010412 (9)
PRAI US 2000-256931P 20001221 (60)
US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)
DT Utility
FS APPLICATION
LN.CNT 14339
INCL INCLM: 435/069.700
INCLS: 435/069.500; 435/325.000; 435/320.100; 530/351.000; 530/363.000;
536/023.500
NCL NCLM: 435/069.700
NCLS: 435/069.500; 435/325.000; 435/320.100; 530/351.000; 530/363.000;
536/023.500
IC [7]
ICM: C12P021-02
ICS: C07H021-04; C12N005-06; C07K014-76; C07K014-52
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 15 OF 216 USPATFULL on STN
AN 2003:251876 USPATFULL
TI soluble complexes of target proteins and peptidyl prolyl isomerase
chaperones and methods of making and using them
IN Scholz, Christian, Penzberg, GERMANY, FEDERAL REPUBLIC OF
Andres, Herbert, Penzberg, GERMANY, FEDERAL REPUBLIC OF
Faatz, Elke, Huglfing, GERMANY, FEDERAL REPUBLIC OF
Engel, Alfred, Tutzing, GERMANY, FEDERAL REPUBLIC OF
Sizmann, Dorothea, Penzberg, GERMANY, FEDERAL REPUBLIC OF
PI US 2003176665 A1 20030918
AI US 2002-179905 A1 20020624 (10)
PRAI EP 2001-115225 20010622
EP 2001-120939 20010831
DT Utility
FS APPLICATION
LN.CNT 2372
INCL INCLM: 530/395.000
INCLS: 435/068.100
NCL NCLM: 530/395.000
NCLS: 435/068.100
IC [7]
ICM: C07K014-15
ICS: C12P021-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 16 OF 216 USPATFULL on STN
AN 2003:244853 USPATFULL
TI Albumin fusion proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Sadeghi, Homayoun, Doylestown, PA, UNITED STATES
Prior, Christopher P., Rosemont, PA, UNITED STATES
Turner, Andrew J., Eagleville, PA, UNITED STATES
PI US 2003171267 A1 20030911
AI US 2001-833117 A1 20010412 (9)
PRAI US 2000-256931P 20001221 (60)

US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)

DT Utility
FS APPLICATION
LN.CNT 13208

INCL INCLM: 514/012.000
INCLS: 530/363.000

NCL NCLM: 514/012.000
NCLS: 530/363.000

IC [7]
ICM: A61K038-38
ICS: C07K014-765

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 17 OF 216 USPATFULL on STN
AN 2003:181414 USPATFULL
TI Albumin fusion proteins
IN Rosen, Craig A., Laytonsville, MD, UNITED STATES
Haseltine, William A., Washington, DC, UNITED STATES
PI US 2003125247 A1 20030703
AI US 2001-833041 A1 20010412 (9)
PRAI US 2000-256931P 20001221 (60)
US 2000-199384P 20000425 (60)
US 2000-229358P 20000412 (60)

DT Utility
FS APPLICATION
LN.CNT 15235

INCL INCLM: 514/012.000
INCLS: 530/363.000

NCL NCLM: 514/012.000
NCLS: 530/363.000

IC [7]
ICM: A61K038-38
ICS: C07K014-765

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 18 OF 216 USPATFULL on STN
AN 2003:173194 USPATFULL
TI NARC1, novel subtilase-like homologs
IN Bingham, Brendan William, Newtown, PA, UNITED STATES
Chiang, Lillian Wei-Ming, Princeton, NJ, UNITED STATES
Jenkins, Lorayne P., Hightstown, NJ, UNITED STATES
Frederick Lo, Ching-Hsiung, Pennington, NJ, UNITED STATES
Naureckiene, Saule, Old Bridge, NJ, UNITED STATES
Ozenberger, Bradley Alton, Newtown, PA, UNITED STATES
Wood, Andrew, Newtown, PA, UNITED STATES
PI US 2003119038 A1 20030626
AI US 2002-287290 A1 20021101 (10)
RLI Continuation-in-part of Ser. No. US 2000-517906, filed on 3 Mar 2000,
PENDING Continuation-in-part of Ser. No. US 2000-499235, filed on 7 Feb
2000, PENDING Continuation-in-part of Ser. No. US 1999-393174, filed on
9 Sep 1999, ABANDONED
PRAI US 1999-161188P 19991022 (60)

DT Utility
FS APPLICATION
LN.CNT 6995

INCL INCLM: 435/006.000
INCLS: 435/007.230; 435/069.200; 435/184.000; 435/320.100; 435/325.000;
536/023.200

NCL NCLM: 435/006.000
NCLS: 435/007.230; 435/069.200; 435/184.000; 435/320.100; 435/325.000;
536/023.200

IC [7]
ICM: C12Q001-68
ICS: G01N033-574; C07H021-04; C12N009-99; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 19 OF 216 USPATFULL on STN
AN 2003:152912 USPATFULL
TI Recombinant fusion proteins to growth hormone and serum albumin
IN Ballance, David James, Nottingham, UNITED KINGDOM
PI US 2003104578 A1 20030605
AI US 2001-984010 A1 20011026 (9)
RLI Continuation of Ser. No. US 1998-91873, filed on 25 Jun 1998, ABANDONED
A 371 of International Ser. No. WO 1996-GB3164, filed on 19 Dec 1996,
UNKNOWN

PRAI GB 1995-26733 19951230
DT Utility
FS APPLICATION
LN.CNT 801
INCL INCLM: 435/069.400
INCLS: 435/320.100; 435/325.000; 530/399.000; 536/023.500
NCL NCLM: 435/069.400
NCLS: 435/320.100; 435/325.000; 530/399.000; 536/023.500
IC [7]
ICM: C07K014-61
ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 20 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:674010 SCISEARCH
GA The Genuine Article (R) Number: 705XC
TI Functional characterization of the propeptide of Plasmodium falciparum
subtilisin-like protease-1
AU Jean L; Hackett F; Martin S R; Blackman M J (Reprint)
CS Natl Inst Med Res, Div Parasitol, Mill Hill, London NW7 1AA, England
(Reprint); Natl Inst Med Res, Div Parasitol, London NW7 1AA, England; Natl
Inst Med Res, Div Phys Biochem, London NW7 1AA, England
CYA England
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1 AUG 2003) Vol. 278, No. 31, pp.
28572-28579.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.
DT Article; Journal
LA English
REC Reference Count: 47
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 21 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 4
AN 2003:276835 BIOSIS
DN PREV200300276835
TI Folding pathway mediated by an ***intramolecular*** ***chaperone***
. A functional peptide chaperone designed using sequence databases.
AU Yabuta, Yukihiro; Subbian, Ezhilkani; Oiry, Catherine; Shinde, Ujwal
[Reprint Author]
CS Department of Biochemistry and Molecular Biology, Oregon Health and
Science University, Portland, OR, 97239-3098, USA
shindeu@ohsu.edu
SO Journal of Biological Chemistry, (April 25 2003) Vol. 278, No. 17, pp.
15246-45251. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 11 Jun 2003
Last Updated on STN: 11 Jun 2003

L2 ANSWER 22 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 5
AN 2003:253933 BIOSIS
DN PREV200300253933
TI Proteolytic processing and oligomerization of bacteriophage-derived
endosialidases.
AU Muehlenhoff, Martina [Reprint Author]; Stummeyer, Katharina; Grove,
Melanie; Sauerborn, Markus; Gerardy-Schahn, Rita
CS Abteilung Zellulaere Chemie, Zentrum Biochemie, Medizinische Hochschule
Hannover, Carl-Neuberg-Strasse 1, 30625, Hannover, Germany
muehlenhoff.martina@mh-hannover.de
SO Journal of Biological Chemistry, (April 11 2003) Vol. 278, No. 15, pp.
12634-12644. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 28 May 2003
Last Updated on STN: 30 Jun 2003

L2 ANSWER 23 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 6
AN 2003:212691 BIOSIS
DN PREV200300212691
TI Sequential autolytic processing activates the zymogen of Arg-gingipain.

AU Mikolajczyk, Jowita; Boatright, Kelly M.; Stennicke, Henning R.; Nazif, Tamim; Potempa, Jan; Bogyo, Matthew; Salvesen, Guy S. [Reprint Author]
CS Burnham Inst., 10901 North Torrey Pines Rd., La Jolla, CA, 92037, USA
gsalvesen@burnham.org
SO Journal of Biological Chemistry, (March 21 2003) Vol. 278, No. 12, pp. 10458-10464. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article
LA English
ED Entered STN: 30 Apr 2003
Last Updated on STN: 30 Apr 2003

L2 ANSWER 24 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:508888 SCISEARCH
GA The Genuine Article (R) Number: 687FC
TI Trigger factor-mediated prolyl isomerization influences maturation of the Streptococcus pyogenes cysteine protease
AU Lyon W R; Caparon M G (Reprint)
CS Washington Univ, Sch Med, Dept Mol Microbiol, Box 8230, St Louis, MO 63110 USA (Reprint); Washington Univ, Sch Med, Dept Mol Microbiol, St Louis, MO 63110 USA
CYA USA
SO JOURNAL OF BACTERIOLOGY, (JUN 2003) Vol. 185, No. 12, pp. 3661-3667.
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904
USA.
ISSN: 0021-9193.
DT Article; Journal
LA English
REC Reference Count: 41
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 25 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2004:801 SCISEARCH
GA The Genuine Article (R) Number: 752HZ
TI Determination of the domain of the Lactobacillus delbrueckii subsp bulgaricus cell surface proteinase PrtB involved in attachment to the cell wall after heterologous expression of the PrtB gene in Lactococcus lactis
AU Germond J E (Reprint); Delley M; Gilbert C; Atlan D
CS Nestec Ltd, Nestle Res Ctr, Vers Chez les Blanc, CH-1000 Lausanne 26, Switzerland (Reprint); Nestec Ltd, Nestle Res Ctr, CH-1000 Lausanne 26, Switzerland; Univ Lyon 1, UMR CNRS 5122, Microbiol & Genet Unit, F-69622 Villeurbanne, France
CYA Switzerland; France
SO APPLIED AND ENVIRONMENTAL MICROBIOLOGY, (JUN 2003) Vol. 69, No. 6, pp. 3377-3384.
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904
USA.
ISSN: 0099-2240.
DT Article; Journal
LA English
REC Reference Count: 38
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 26 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:157850 SCISEARCH
GA The Genuine Article (R) Number: 644JW
TI Structure-function analysis of the prosegment of the proprotein convertase PC5A
AU Nour N; Basak A; Chretien M (Reprint); Seidah N G
CS Ottawa Hlth Res Inst, Reg Prot Chem Ctr, Dis Aging Unit, Loeb Bldg, 725 Parkdale Ave, Ottawa, ON K1Y 4E9, Canada (Reprint); Ottawa Hlth Res Inst, Reg Prot Chem Ctr, Dis Aging Unit, Ottawa, ON K1Y 4E9, Canada; Clin Res Inst Montreal, Biochem Neuroendocrinol Lab, Montreal, PQ H2W 1R7, Canada
CYA Canada
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (31 JAN 2003) Vol. 278, No. 5, pp. 2886-2895.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.
DT Article; Journal
LA English
REC Reference Count: 69
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 27 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:98198 CAPLUS

DN 138:186076
TI Productive Folding of Human Neutrophil .alpha.-Defensins in Vitro without the Pro-peptide
AU Wu, Zhibin; Powell, Robert; Lu, Wuyuan
CS Institute of Human Virology, University of Maryland, Baltimore, MD, 21201, USA
SO Journal of the American Chemical Society (2003), 125(9), 2402-2403
CODEN: JACSAV; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 28 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 7
AN 2003:153695 BIOSIS
DN PREV200300153695
TI A conserved region within the *Bordetella pertussis* autotransporter BrkA is necessary for folding of its passenger domain.
AU Oliver, David C.; Huang, George; Nodel, Elena; Pleasance, Steve;
Fernandez, Rachel C. [Reprint Author]
CS Department of Microbiology and Immunology, University of British Columbia, 300-6174 University Blvd., Vancouver, BC, V6T 1Z3, Canada
rachelf@interchange.ubc.ca
SO Molecular Microbiology, (March 2003) Vol. 47, No. 5, pp. 1367-1383. print.
ISSN: 0950-382X (ISSN print).
DT Article
LA English
ED Entered STN: 26 Mar 2003
Last Updated on STN: 26 Mar 2003

L2 ANSWER 29 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 8
AN 2003:190612 BIOSIS
DN PREV200300190612
TI General function of N-terminal propeptide on assisting protein folding and inhibiting catalytic activity based on observations with a chimeric thermolysin-like protease.
AU Tang, Bing; Nirasawa, Satoru; Kitaoka, Motomitsu; Marie-Claire, Cynthia;
Hayashi, Kiyoshi [Reprint Author]
CS Enzyme Laboratory, Biological Function Division, National Food Research Institute, Tsukuba, Ibaraki, 305-8642, Japan
hayashi@nfri.affrc.go.jp
SO Biochemical and Biophysical Research Communications, (February 21 2003) Vol. 301, No. 4, pp. 1093-1098. print.
CODEN: BBRCA9. ISSN: 0006-291X.
DT Article
LA English
ED Entered STN: 16 Apr 2003
Last Updated on STN: 10 Jun 2003

L2 ANSWER 30 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:745748 SCISEARCH
GA The Genuine Article (R) Number: 714WJ
TI Staphostatins: an expanding new group of proteinase inhibitors with a unique specificity for the regulation of staphopains, *Staphylococcus* spp.
AU Rzychon M; Sabat A; Kosowska K; Potempa J (Reprint); Dubin A
CS Jagiellonian Univ, Fac Biotechnol, Dept Microbiol, ul Gronostajowa 7,
PL-30387 Krakow, Poland (Reprint); Jagiellonian Univ, Fac Biotechnol, Dept
Microbiol, PL-30387 Krakow, Poland; Jagiellonian Univ, Fac Biotechnol,
Dept Analyt Biochem, PL-30387 Krakow, Poland; Univ Georgia, Dept Biochem &
Mol Biol, Athens, GA 30602 USA
CYA Poland; USA
SO MOLECULAR MICROBIOLOGY, (AUG 2003) Vol. 49, No. 4, pp. 1051-1066.
Publisher: BLACKWELL PUBLISHING LTD, 9600 GARSINGTON RD, OXFORD OX4 2DG,
OXON, ENGLAND.
ISSN: 0950-382X.
DT Article; Journal
LA English
REC Reference Count: 72
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 31 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:40358 BIOSIS

DN PREV200400041729
TI Folding pathway mediated by an ***intramolecular*** ***chaperone***
AU Subbian, E. [Reprint Author]; Yukihiro, Y. [Reprint Author]; Shinde, U.
[Reprint Author]
CS Oregon Health and Sciences University, Portland, OR, USA
SO Molecular & Cellular Proteomics, (September 2003) Vol. 2, No. 9, pp. 783.
print.
Meeting Info.: HUPO (Human Proteomics organisation) 2nd Annual and IUBMB
(International Union of Biochemistry and Molecular Biology) XIX World
Congress. Montreal, Quebec, Canada. October 08-11, 2003. American Society
for Biochemistry and Molecular Biology Inc.
ISSN: 1535-9476 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 14 Jan 2004
Last Updated on STN: 14 Jan 2004

L2 ANSWER 32 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 9
AN 2003:374440 BIOSIS
DN PREV200300374440
TI Cofactor processing in galactose oxidase.
AU Firbank, S. J.; Rogers, M.; Hurtado-Guerrero, R.; Dooley, D. M.; Halcrow,
M. A.; Phillips, S. E. V.; Knowles, P. F.; McPherson, M. J. [Reprint
Author]
CS Astbury Centre for Structural Molecular Biology, School of Biochemistry
and Molecular Biology, University of Leeds, Leeds, LS2 9JT, UK
m.j.mcpherson@leeds.ac.uk
SO Biochemical Society Transactions, (June 2003) Vol. 31, No. 3, pp. 506-509.
print.
CODEN: BCSTB5. ISSN: 0300-5127.
DT Article
LA English
ED Entered STN: 13 Aug 2003
Last Updated on STN: 13 Aug 2003

L2 ANSWER 33 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 10
AN 2003:365348 BIOSIS
DN PREV200300365348
TI Role of the disulfide bonds in the folding of prouroguanylin and
heat-stable enterotoxin.
AU Hidaka, Y. [Reprint Author]; Ito, R.; Yamaguchi, H.
CS Institute for Protein Research, Osaka University, Suita, Osaka, 565-0871,
Japan
SO Biopolymers, (2003) Vol. 71, No. 3, pp. 325. print.
Meeting Info.: 18th American Peptide Symposium on Peptide Revolution:
Genomics, Proteomics and Therapeutics. Boston, MA, USA. July 19-23, 2003.
American Peptide Society.
ISSN: 0006-3525 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 6 Aug 2003
Last Updated on STN: 6 Aug 2003

L2 ANSWER 34 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:314093 CAPLUS
DN 141:1416
TI Folding of a peptide hormone assisted by a propeptide: Folding of hybrid
disulfide isomers of uroguanylin and heat-stable enterotoxin
AU Hidaka, Yuji; Ito, Len; Segawa, Kaori; Yamaguchi, Hiroshi; Niinobe, Michio
CS Institute for Protein Research, Osaka University, Osaka, 565-0871, Japan
SO Peptide Science (2003), volume Date 2004, 40th, 103-106
CODEN: PSCIFQ; ISSN: 1344-7661
PB Japanese Peptide Society
DT Journal
LA English
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 35 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:279043 SCISEARCH
GA The Genuine Article (R) Number: 658JD

TI Purification, bacteriolytic activity, and specificity of beta-lytic protease from *Lysobacter* sp IB-9374
AU Ahmed K; Chohnan S; Ohashi H; Hirata T; Masaki T (Reprint); Sakiyama F
CS Ibaraki Univ, Coll Agr, Dept Bioresource Sci, 3-21-1 Chu Ou, Ami, Ibaraki 3000393, Japan (Reprint); Ibaraki Univ, Coll Agr, Dept Bioresource Sci, Ami, Ibaraki 3000393, Japan; Int Buddhist Univ, Osaka 5838501, Japan
CYA Japan
SO JOURNAL OF BIOSCIENCE AND BIOENGINEERING, (JAN 2003) Vol. 95, No. 1, pp. 27-34.
Publisher: SOC BIOSCIENCE BIOENGINEERING JAPAN, OSAKA UNIV, FACULTY ENGINEERING, 2-1 YAMADAOKA, SUITA, OSAKA, 565-0871, JAPAN.
ISSN: 1389-1723.
DT Article; Journal
LA English
REC Reference Count: 52
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 36 OF 216 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 11
AN 2003:51502 AGRICOLA
DN IND23340077
TI A peptide sequence--YSGVCHTLHAWHGDWPLPVK [40-60]--in yeast alcohol dehydrogenase prevents the aggregation of denatured substrate proteins.
AU Bhattacharyya, J.; Santhoshkumar, P.; Sharma, K.K.
AV DNAL (442.8 B5236)
SO Biochemical and biophysical research communications, July 18, 2003. Vol. 307, No. 1. p. 1-7
Publisher: Orlando, Fla. : Academic Press.
CODEN: BBRCA9; ISSN: 0006-291X
NTE Includes references
CY Florida; United States
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L2 ANSWER 37 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 12
AN 2004:76634 BIOSIS
DN PREV200400078764
TI A new approach for alteration of protease functions: Pro-sequence engineering.
AU Takagi, H. [Reprint Author]; Takahashi, M.
CS Department of Bioscience, Fukui Prefectural University, 4-1-1 Kenjojima, Matsuoka-cho, Fukui, 910-1195, Japan
hiro@fpu.ac.jp
SO Applied Microbiology and Biotechnology, (November 2003) Vol. 63, No. 1, pp. 1-9. print.
CODEN: AMBIDG. ISSN: 0175-7598.
DT Article
LA General Review; (Literature Review)
ED Entered STN: 4 Feb 2004
Last Updated on STN: 4 Feb 2004

L2 ANSWER 38 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:517854 BIOSIS
DN PREV200300520147
TI In vivo dissection of autotransporter folding: Trans complementation of BrkA passenger folding using the pertactin 'junction' region.
AU Oliver, D. C. [Reprint Author]; Gerrie, A. S. [Reprint Author]; Fernandez, R. C. [Reprint Author]
CS University of British Columbia, Vancouver, BC, Canada
SO Abstracts of the General Meeting of the American Society for Microbiology, (2003) Vol. 103, pp. B-422. <http://www.asmusa.org/mtgsrc/generalmeeting.htm>
Meeting Info.: 103rd American Society for Microbiology General Meeting. Washington, DC, USA. May 18-22, 2003. American Society for Microbiology. ISSN: 1060-2011 (ISSN print).
DT Conference; (Meeting)
LA Conference; Abstract; (Meeting Abstract)
ED Entered STN: 5 Nov 2003
Last Updated on STN: 5 Nov 2003

L2 ANSWER 39 OF 216 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN DUPLICATE 13
TI 2003-02656 BIOTECHDS
TI Preparing recombinant proteinase K in yeast, useful for analysis and diagnosis, using a signal peptide for secretion of a precursor which is activated autocatalytically; vector-mediated gene transfer and expression in host cell for recombinant protein production
AU MUELLER R; THALHOFER J; GEIPEL F; GLASER S; HOELKE W; SCHOEN H;
PA KIRSCHBAUM T
PA ROCHE DIAGNOSTICS GMBH
PI DE 10105911 14 Aug 2002
AI DE 2001-1005911 9 Feb 2001
PRAI DE 2001-1005911 9 Feb 2001; DE 2001-1005911 9 Feb 2001
DT Patent
LA German
OS WPI: 2002-667990 [72]

L2 ANSWER 40 OF 216 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 14
AN 10221005 IFIPAT;IFIUDB;IFICDB
TI CHIMERIC PROTEIN CONTAINING AN ***INTRAMOLECULAR*** ***CHAPERONE*** -LIKE SEQUENCE
IN Gan Zhong-Ru (CN)
PI US 2002164712 A1 20021107
AI US 2002-54873 20020122
RLI WO 1998-CN52 19980331 Section 371 PCT Filing UNKNOWN
US 2000-423100 20001211 CONTINUATION PENDING
FI US 2002164712 20021107
DT Utility; Patent Application - First Publication
FS CHEMICAL APPLICATION
CLMN 77
GI 2 Figure(s).
FIGS. 1A and 1B. Structure of proinsulin and mature insulin with correctly formed disulfide bridges. 1A depicts the structure of proinsulin. 1B depicts the structure of mature insulin with correctly formed disulfide bridges.
FIG. 2. Map of the hGH-mini-proinsulin (SEQ ID NO: 6) expression vector (pZRhi-1).

L2 ANSWER 41 OF 216 USPATFULL on STN DUPLICATE 15
AN 2002:251173 USPATFULL
TI Biologically active protein folding intermediates
IN Inouye, Masayori, Piscataway, NJ, UNITED STATES
Shinde, Ujwal, Gladstone, OR, UNITED STATES
Fu, Xuan, Piscataway, NJ, UNITED STATES
PA UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY (U.S. corporation)
PI US 2002137118 A1 20020926
AI US 2001-935744 A1 20010824 (9)
PRAI US 2000-227468P 20000824 (60)
DT Utility
FS APPLICATION
LN.CNT 572
INCL INCLM: 435/023.000
INCLS: 435/068.100
NCL NCLM: 435/023.000
NCLS: 435/068.100
IC [7]
ICM: C12Q001-37
ICS: C12P021-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 42 OF 216 USPATFULL on STN
AN 2002:338194 USPATFULL
TI Oligomeric chaperone proteins
IN Hill, Fergal Conan, Les Martres de Veyre, FRANCE
Chatellier, Jean, Les Martres de Veyre, FRANCE
Fersht, Alan Roy, Cambridge, UNITED KINGDOM
PI US 2002193564 A1 20021219
AI US 2001-7314 A1 20011108 (10)
RLI Continuation-in-part of Ser. No. WO 2000-GB1822, filed on 12 May 2000, UNKNOWN
PRAI GB 1999-11298 19990514
GB 1999-30530 19991223
DT Utility
FS APPLICATION

LN.CNT 2196
INCL INCLM: 530/350.000
INCLS: 435/235.100
NCL NCLM: 530/350.000
NCLS: 435/235.100
IC [7]
ICM: C07K014-005
ICS: C12N007-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 43 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:928683 SCISEARCH
GA The Genuine Article (R) Number: 610WR
TI Identification of a novel maturation mechanism and restricted substrate specificity for the SspB cysteine protease of *Staphylococcus aureus*
AU Massimi I; Park E; Rice K; Müller-Esterl W; Sauder D; McGavin M J
(Reprint)
CS Sunnybrook & Womens Coll, Hlth Sci Ctr, Dept Microbiol s112, 2075 Bayview Ave, Toronto, ON M4N 3M5, Canada (Reprint); Univ Frankfurt, Sch Med, Inst Biochem 2, D-60590 Frankfurt, Germany; Sunnybrook & Womens Coll, Hlth Sci Ctr, Dept Dermatol, Toronto, ON M4N 3M5, Canada; Univ Toronto, Dept Med, Toronto, ON M5G 1L5, Canada; Univ Toronto, Dept Lab Med & Pathobiol, Toronto, ON M5G 1L5, Canada
CYA Canada; Germany
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1 NOV 2002) Vol. 277, No. 44, pp. 41770-41777.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.
DT Article; Journal
LA English
REC Reference Count: 53
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 44 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 16
AN 2002:535770 BIOSIS
DN PREV200200535770
TI Sucrase is an ***intramolecular*** ***chaperone*** located at the C-terminal end of the sucrase-isomaltase enzyme complex.
AU Jacob, Ralf; Puerschel, Berit; Naim, Hassan Y. [Reprint author]
CS Dept. of Physiological Chemistry, School of Veterinary Medicine Hannover, Buenteweg 17, D-30559, Hannover, Germany
hassan.naim@tih-hannover.de
SO Journal of Biological Chemistry, (August 30, 2002) Vol. 277, No. 35, pp. 32141-32148. print.
CODEN: JBCHAB. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 16 Oct 2002
Last Updated on STN: 16 Oct 2002

L2 ANSWER 45 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:360499 SCISEARCH
GA The Genuine Article (R) Number: 545EH
TI Folding of the *Plasmodium falciparum* cysteine protease falcipain-2 is mediated by a chaperone-like peptide and not the prodomain
AU Sijwali P S; Shenai B R; Rosenthal P J (Reprint)
CS Univ Calif San Francisco, San Francisco Gen Hosp, Dept Med, Box 0811, San Francisco, CA 94143 USA (Reprint); Univ Calif San Francisco, San Francisco Gen Hosp, Dept Med, San Francisco, CA 94143 USA
CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (26 APR 2002) Vol. 277, No. 17, pp. 14910-14915.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
ISSN: 0021-9258.
DT Article; Journal
LA English
REC Reference Count: 38
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 46 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 17
AN 2002:287107 BIOSIS
DN PREV20020287107

TI The ordered and compartment-specific autoproteolytic removal of the furin
intramolecular ***chaperone*** is required for enzyme
activation.

AU Anderson, Eric D.; Molloy, Sean S.; Jean, Francois; Fei, Hao; Shimamura,
Satoko; Thomas, Gary [Reprint author]

CS Vollum Institute, Portland, OR, 97201, USA
thomasg@ohsu.edu

SO Journal of Biological Chemistry, (April 12, 2002) Vol. 277, No. 15, pp.
12879-12890. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 8 May 2002
Last Updated on STN: 8 May 2002

L2 ANSWER 47 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 18

AN 2002:247124 BIOSIS

DN PREV200200247124

TI The prosequence of human lactase-phlorizin hydrolase modulates the folding
of the mature enzyme.

AU Jacob, Ralf; Peters, Karen; Naim, Hassan Y. [Reprint author]
CS Department of Physiological Chemistry, School of Veterinary Medicine
Hannover, Buenteweg 17, Hannover, D-30559, Germany
Hassan.Naim@taho-hannover.de

SO Journal of Biological Chemistry, (March 8, 2002) Vol. 277, No. 10, pp.
8217-8225. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 17 Apr 2002
Last Updated on STN: 17 Apr 2002

L2 ANSWER 48 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:5461 SCISEARCH

GA The Genuine Article (R) Number: 625UP

TI Prodomains and protein folding catalysis

AU Bryan P N (Reprint)

CS Univ Maryland, Maryland Biotechnol Inst, Ctr Adv Res Biotechnol, 9600
Gudelsky Dr, Rockville, MD 20850 USA (Reprint); Univ Maryland, Maryland
Biotechnol Inst, Ctr Adv Res Biotechnol, Rockville, MD 20850 USA
CYA USA

SO CHEMICAL REVIEWS, (DEC 2002) Vol. 102, No. 12, pp. 4805-4815.
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA.
ISSN: 0009-2665.

DT General Review; Journal

LA English

REC Reference Count: 112

L2 ANSWER 49 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 19

AN 2002:168845 BIOSIS

DN PREV200200168845

TI A conserved sequence within the propeptide domain of membrane type 1
matrix metalloproteinase is critical for function as an
intramolecular ***chaperone***.

AU Pavlaki, Maria; Cao, Jian; Hymowitz, Michelle; Chen, Wen-Tien; Bahou,
Wadie; Zucker, Stanley [Reprint author]

CS VA Medical Center, Northport, NY, 11768, USA
s_zucker@yahoo.com

SO Journal of Biological Chemistry, (January 25, 2002) Vol. 277, No. 4, pp.
2740-2749. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 5 Mar 2002
Last Updated on STN: 5 Mar 2002

L2 ANSWER 50 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 20

AN 2002:423374 BIOSIS

DN PREV200200423374

TI alpha-Crystallin binds to the aggregation-prone molten-globule state of
alkaline protease: Implications for preventing irreversible thermal
denaturation.

AU Tanksale, Aparna; Ghatge, Mohini; Deshpande, Vasanti [Reprint author]

CS Division of Biochemical sciences, National chemical Laboratory, Pune, 411008, India
SO vasanti@dalton.ncl.res.in; vasanti1200@yahoo.com
TI Protein Science, (July, 2002) Vol. 11, No. 7, pp. 1720-1728. print.
ISSN: 0961-8368.

DT Article
LA English
ED Entered STN: 7 Aug 2002
Last Updated on STN: 7 Aug 2002

L2 ANSWER 51 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 21
AN 2002:497165 BIOSIS
DN PREV200200497165
TI The role of the D1 domain of the von Willebrand factor propeptide in multimerization of VWF.
AU Rosenberg, Jonathan B.; Haberichter, Sandra L.; Jozwiak, Mary A.; Vokac, Elizabeth A.; Kroner, Philip A.; Fahs, Scot A.; Kawai, Yohko; Montgomery, Robert R. [Reprint author]
CS Department of Pediatrics, Medical College of Wisconsin, 8701 W Watertown Plank Rd, Milwaukee, WI, 53226, USA
bob@bcsew.edu
SO Blood, (September 1, 2002) Vol. 100, No. 5, pp. 1699-1706. print.
CODEN: BLOOAW. ISSN: 0006-4971.
DT Article
LA English
ED Entered STN: 25 Sep 2002
Last Updated on STN: 25 Sep 2002

L2 ANSWER 52 OF 216 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V. on STN
DUPLICATE
AN 2002242922 ESBIOBASE
TI Role of the prosegment of *Fasciola hepatica* cathepsin L1 in folding of the catalytic domain
AU Cappetta M.; Roth I.; Diaz A.; Tort J.; Roche L.
CS L. Roche, Departamento de Genetica, Facultad de Medicina, Gral. Flores 2125, Montevideo 11800, Uruguay.
SO Biological Chemistry, (2002), 383/7-8 (1215-1221), 25 reference(s)
CODEN: BICHF3 ISSN: 1431-6730
DT Journal; Article
CY Germany, Federal Republic of
LA English
SL English

L2 ANSWER 53 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 23
AN 2002:396972 BIOSIS
DN PREV200200396972
TI ***Intramolecular*** ***chaperones*** modulate precise activation of proteases.
AU Shinde, Ujwal P. [Reprint author]; Subbian, Ezhilkani [Reprint author]; Yabuta, Yukihiko [Reprint author]
CS Department of Biochemistry and Molecular Biology, Oregon Health Sciences University, 3181 SW Sam Jackson Park Road, Portland, OR, 97201, USA
SO FASEB Journal, (March 22, 2002) Vol. 16, No. 5, pp. A1195. print.
Meeting Info.: Annual Meeting of Professional Research Scientists on Experimental Biology. New Orleans, Louisiana, USA. April 20-24, 2002.
CODEN: FAJOEC. ISSN: 0892-6638.
DT Conference; (Meeting)
LA Conference; Abstract; (Meeting Abstract)
English
ED Entered STN: 24 Jul 2002
Last Updated on STN: 29 Aug 2002

L2 ANSWER 54 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 24
AN 2002:469830 BIOSIS
DN PREV200200469830
TI Acidic residues on the N-terminus of proinsulin C-peptide are important for the folding of insulin precursor.
AU Chen, Li-Ming; Yang, Xing-Wen; Tang, Jian-Guo [Reprint author]
CS National Laboratory of Protein Engineering and Plant Genetic Engineering College of Life Sciences, Peking University, 100871, Beijing, China
lxzyx@pku.edu.cn
SO Journal of Biochemistry (Tokyo), (Jun., 2002) vol. 131, No. 6, pp. 855-859. print.

DT CODEN: JOBIAO. ISSN: 0021-924X.
LA Article
ED English
ED Entered STN: 4 Sep 2002
Last Updated on STN: 4 Sep 2002

L2 ANSWER 55 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 25
AN 2002:588694 BIOSIS
DN PREV200200588694
TI Efficient folding of the FcepsilonRI alpha-chain membrane-proximal domain
D2 depends on the presence of the N-terminal domain D1.
AU Vangelista, Luca; Cesco-Gaspere, Michela; Lamba, Doriano; Burrone, Oscar
[Reprint author]
CS International Centre for Genetic Engineering and Biotechnology, Padriciano
99, I-34012, Trieste, Italy
burrone@icgeb.trieste.it
SO Journal of Molecular Biology, (27 September, 2002) vol. 322, No. 4, pp.
815-825. print.
CODEN: JMOBAK. ISSN: 0022-2836.
DT Article
LA English
ED Entered STN: 13 Nov 2002
Last Updated on STN: 13 Nov 2002

L2 ANSWER 56 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:408976 BIOSIS
DN PREV200200408976
TI A conserved sequence within the propeptide domain of membrane type-1
matrix metalloproteinase (MT1-MMP) is critical for function as an
intramolecular ***chaperone*** .
AU Pavlaki, Maria [Reprint author]; Cao, Jian; Hymowitz, Michelle; Chen,
Wen-Tien; Bahou, Wadie; Zucker, Stanley
CS State University of New York at Stony Brook, Stony Brook, NY, USA
SO Proceedings of the American Association for Cancer Research Annual
Meeting, (March, 2002) vol. 43, pp. 544. print.
Meeting Info.: 93rd Annual Meeting of the American Association for Cancer
Research. San Francisco, California, USA. April 06-10, 2002.
ISSN: 0197-016X.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 31 Jul 2002
Last Updated on STN: 23 Sep 2002

L2 ANSWER 57 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:167411 BIOSIS
DN PREV200300167411
TI Function of the N- and C-terminal regions of intestinal lactase-phlorizin
hydrolase and sucrase-isomaltase as ***intramolecular***
chaperones .
AU Jacob, R. [Reprint Author]; Peters, K. [Reprint Author]; Puerschel, B.
[Reprint Author]; Naim, H. Y. [Reprint Author]
CS Department of Physiological Chemistry, School of Veterinary Medicine
Hannover, Hannover, Germany
SO Molecular Biology of the Cell, (Nov 2002) vol. 13, No. Supplement, pp.
514a. print.
Meeting Info.: 42nd Annual Meeting of the American Society for Cell
Biology. San Francisco, CA, USA. December 14-18, 2002. American Society
for Cell Biology.
ISSN: 1059-1524 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 Apr 2003
Last Updated on STN: 2 Apr 2003

L2 ANSWER 58 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:639162 SCISEARCH
GA The Genuine Article (R) Number: 621BR
TI Function of the N- and C-terminal regions of intestinal lactase-phlorizin
hydrolase and sucrase-isomaltase as ***intramolecular***
chaperones .
AU Jacob R (Reprint); Peters K; Purschel B; Naim H Y
CS Tierarztlichen Hsch Hannover, Dept Physiol Chem, D-3000 Hannover, Germany
CYA Germany

SO MOLECULAR BIOLOGY OF THE CELL, (NOV 2002) Vol. 13, pp. 514A-514A. MA 2892.
Publisher: AMER SOC CELL BIOLOGY, 8120 WOODMONT AVE, STE 750, BETHESDA, MD
20814-2755 USA.
ISSN: 1059-1524.

DT Conference; Journal
LA English
REC Reference Count: 0

L2 ANSWER 59 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:342421 BIOSIS
DN PREV200200342421
TI ***Intramolecular*** ***chaperone*** activity of a propeptide from
a bacterial zinc aminopeptidase.
AU Nirasawa, Satoru [Reprint author]; Hayashi, Kiyoshi [Reprint author]
CS National Food Research Institute, 2-1-12 Kannondai, Tsukuba, 305-8642,
Japan
SO Biophysical Journal, (January, 2002) Vol. 82, No. 1 Part 2, pp. 318a.
print.
Meeting Info.: 46th Annual Meeting of the Biophysical Society. San
Francisco, California, USA. February 23-27, 2002.
CODEN: BIOJAU. ISSN: 0006-3495.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 19 Jun 2002
Last Updated on STN: 19 Jun 2002

L2 ANSWER 60 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:161316 SCISEARCH
GA The Genuine Article (R) Number: 511EY
TI ***Intramolecular*** ***chaperone*** activity of a propeptide from
a bacterial zinc aminopeptidase
AU Nirasawa S (Reprint); Hayashi K
CS Natl Food Res Inst, Tsukuba, Ibaraki 3058642, Japan
CYA Japan
SO BIOPHYSICAL JOURNAL, (JAN 2002) Vol. 82, No. 1, Part 2, pp. 318A-318A. MA
1544.
Publisher: BIOPHYSICAL SOCIETY, 9650 ROCKVILLE PIKE, BETHESDA, MD
20814-3998 USA.
ISSN: 0006-3495.

DT Conference; Journal
LA English
REC Reference Count: 0

L2 ANSWER 61 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:169944 SCISEARCH
GA The Genuine Article (R) Number: 520YG
TI Sorting for storage in myeloid cells of nonmyeloid proteins and chimeras
with the propeptide of myeloperoxidase precursor
AU Bulow E (Reprint); Nauseef W M; Goedken M; McCormick S; Calafat J;
Gullberg U; Olsson I
CS BMC, Dept Hematol, C14, S-22184 Lund, Sweden (Reprint); Lund Univ, Dept
Hematol, S-22100 Lund, Sweden; Vet Adm Med Ctr, Inflamm Program, Iowa
City, IA USA; Vet Adm Med Ctr, Dept Med, Iowa City, IA USA; Univ Iowa,
Iowa City, IA USA; Netherlands Canc Inst, Amsterdam, Netherlands
CYA Sweden; USA; Netherlands
SO JOURNAL OF LEUKOCYTE BIOLOGY, (FEB 2002) Vol. 71, No. 2, pp. 279-288.
Publisher: FEDERATION AMER SOC EXP BIOL, 9650 ROCKVILLE PIKE, BETHESDA, MD
20814-3998 USA.
ISSN: 0741-5400.

DT Article; Journal
LA English
REC Reference Count: 50
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 62 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:528809 SCISEARCH
GA The Genuine Article (R) Number: 564MH
TI Molecular characterization of fervidolysin, a subtilisin-like serine
protease from the thermophilic bacterium *Fervidobacterium pennivorans*
AU Kluskens L D (Reprint); Voorhorst W G B; Siezen R J; Scherdtfeger R M;
Antranikian G; van der Oost J; de Vos W M
CS Univ Wageningen & Res Ctr, Microbiol Lab, Hesselink Suchtelenweg 4,
NL-6703 CT Wageningen, Netherlands (Reprint); Univ Wageningen & Res Ctr,
Microbiol Lab, NL-6703 CT Wageningen, Netherlands; NIZO Food Res, Ede,

CY A Netherlands; Tech Univ Hamburg, Inst Biotechnol, Dept Tech Microbiol, D-2100 Hamburg, Germany

SO EXTREMOPHILES, (JUN 2002) Vol. 6, No. 3, pp. 185-194.
Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010 USA.
ISSN: 1431-0651.

DT Article; Journal
LA English
REC Reference Count: 63
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 63 OF 216 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2004) on STN DUPLICATE 26

AN 2002:29491 AGRICOLA
DN IND23265951

TI Structure of POIA1, a homologous protein to the propeptide of subtilisin: implication for protein foldability and the function as an ***intramolecular*** ***chaperone***.

AU Sasakawa, H.; Yoshinaga, S.; Kojima, S.; Tamura, A.
AV DNAL (442.8 J8224)

SO Journal of molecular biology, Mar 15, 2002. Vol. 317, No. 1. p. 159-167
Publisher: London ; New York : Academic Press, 1959-
CODEN: JMOBAK; ISSN: 0022-2836

NTE Includes references
CY England; United Kingdom
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L2 ANSWER 64 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2002:266083 SCISEARCH
GA The Genuine Article (R) Number: 530DG
TI Functional alteration of *Bacillus subtilis* protease (subtilisin) by engineering of the pro-sequence
AU Takahashi M (Reprint); Takagi H
CS Fukui Prefectural Univ, Dept Biosci, Fukui 9101195, Japan
CYA Japan
SO SEIKAGAKU, (FEB 2002) Vol. 74, No. 2, pp. 119-122.
Publisher: JAPANESE BIOCHEMICAL SOC, ISHIKAWA BLDG-3F, 25-16 HONGO-5-CHOME, BUNKYO-KU, TOKYO, 113, JAPAN.
ISSN: 0037-1017.

DT Article; Journal
LA Chinese
REC Reference Count: 16

L2 ANSWER 65 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 27
AN 2002:401114 BIOSIS
DN PREV200200401114
TI Expression of *Rhizopus oryzae* lipase gene in *Saccharomyces cerevisiae*.
AU Ueda, Mitsuyoshi [Reprint author]; Takahashi, Shouji; Washida, Motohisa;
Shiraga, Seizaburo; Tanaka, Atsuo
CS Laboratory of Applied Biological Chemistry, Department of Synthetic Chemistry and Biological Chemistry, Graduate School of Engineering, Kyoto University, Sakyo-ku, Kyoto, 606-8501, Japan
miueda@sbchem.kyoto-u.ac.jp
SO Journal of Molecular Catalysis B Enzymatic, (7 June, 2002) Vol. 17, No. 3-5, pp. 113-124. print.
ISSN: 1381-1177.

DT Article
LA General Review; (Literature Review)
ED English
Entered STN: 24 Jul 2002
Last Updated on STN: 29 Aug 2002

L2 ANSWER 66 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:585030 BIOSIS
DN PREV200200585030
TI Mutational analysis of a conserved ***intramolecular*** ***chaperone*** -like region within the *Bordetella pertussis* autotransporter protein BrKA.
AU Oliver, D. C. [Reprint author]; Turner, B. M. [Reprint author]; Fernandez, R. C. [Reprint author]
CS University of British Columbia, Vancouver, BC, Canada

SO Abstracts of the General Meeting of the American Society for Microbiology, (2002) Vol. 102, pp. 95. print.
Meeting Info.: 102nd General Meeting of the American Society for Microbiology. Salt Lake City, UT, USA. May 19-23, 2002. American Society for Microbiology.
ISSN: 1060-2011.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 13 Nov 2002
Last Updated on STN: 13 Nov 2002

L2 ANSWER 67 OF 216 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
on STN DUPLICATE

AN 2002208886 ESBIOBASE

TI The role of the N-terminal propeptide of the pro-aminopeptidase processing protease: Refolding, processing, and enzyme inhibition

AU Tang B.; Nirasawa S.; Kitaoka M.; Hayashi K.

CS K. Hayashi, Enzyme Laboratory, Biological Function Division, National Food Research Institute, Tsukuba, Ibaraki 305-8642, Japan.
E-mail: khayashi@nfri.affrc.go.jp

SO Biochemical and Biophysical Research Communications, (2002), 296/1 (78-84), 32 reference(s)
CODEN: BBRCAO ISSN: 0006-291X

PUI S0006291X02008380

DT Journal; Article

CY United States

LA English

SL English

L2 ANSWER 68 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 29

AN 2002:237702 BIOSIS

DN PREV200200237702

TI Folding pathway mediated by an ***intramolecular*** ***chaperone*** : Dissecting conformational changes coincident with autoprocessing and the role of Ca²⁺ in subtilisin maturation.

AU Yabuta, Yukihiro; Subbian, Ezhilkani; Takagi, Hiroshi [Reprint author]; Shinde, Ujwal; Inouye, Masayori

CS Department of Bioscience, Fukui Prefectural University, 4-1-1 Kenjojima, Matsuoka-cho, Fukui, 910-1195, Japan
hiro@fpu.ac.jp

SO Journal of Biochemistry (Tokyo), (Jan., 2002) Vol. 131, No. 1, pp. 31-37.
print.
CODEN: JOBIAO. ISSN: 0021-924X.

DT Article

LA English

ED Entered STN: 10 Apr 2002
Last Updated on STN: 10 Apr 2002

L2 ANSWER 69 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2002:432120 SCISEARCH

GA The Genuine Article (R) Number: 553CE

TI In vitro stepwise autoprocessing of the proform of pro-aminopeptidase processing protease from *Aeromonas caviae* T-64

AU Tang B; Nirasawa S; Kitaoka M; Hayashi K (Reprint)

CS Natl Food Res Inst, Biol Funct Div, Enzyme Lab, 2-1-2 Kannondai, Tsukuba, Ibaraki 3058642, Japan (Reprint); Natl Food Res Inst, Biol Funct Div, Enzyme Lab, Tsukuba, Ibaraki 3058642, Japan

CYA Japan

SO BIOCHIMICA ET BIOPHYSICA ACTA-PROTEIN STRUCTURE AND MOLECULAR ENZYMOLOGY, (1 APR 2002) Vol. 1596, No. 1, pp. 16-27.
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.
ISSN: 0167-4838.

DT Article; Journal

LA English

REC Reference Count: 43
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 70 OF 216 CEABA-VTB COPYRIGHT 2004 DEchema on STN

AN 2002(04):5206 CEABA-VTB FS B

TI Function of the prosequence for in vivo folding and secretion of active Rhizopus oryzae lipase in *Saccharomyces cerevisiae*

AU Takahashi, S.; Ueda, M.; Tanaka, A.

CS Kyoto Univ., Yoshida, Sakyo-ku, Kyoto, J

SO Applied Microbiology and Biotechnology (2001) 55(4), 42 Reference(s),
454-462, 6f
CODEN: AMBIDG ISSN: 0175-7598

LA English

L2 ANSWER 71 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 30

AN 2002:169420 BIOSIS

DN PREV200200169420

TI Folding pathway mediated by an ***intramolecular*** ***chaperone***
. Propeptide release modulates activation precision of pro-subtilisin.

AU Yabuta, Yukihiro; Takagi, Hiroshi; Inouye, Masayori; Shinde, Ujwal
[Reprint author]

CS Dept. of Biochemistry and Molecular Biology, Oregon Health Sciences
University, 3181 SW Sam Jackson Park Rd., MRB631, Mail code: L224,
Portland, OR, 97201-3098, USA
shindeu@ohsu.edu

SO Journal of Biological Chemistry, (November 30, 2001) Vol. 276, No. 48, pp.
44427-44434. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 5 Mar 2002
Last Updated on STN: 5 Mar 2002

L2 ANSWER 72 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:944925 SCISEARCH

GA The Genuine Article (R) Number: 494QQ

TI A secreted aminopeptidase of *Pseudomonas aeruginosa* - Identification,
primary structure, and relationship to other aminopeptidases

AU Cahan R; Axelrad I; Safrin M; Ohman D E; Kessler E (Reprint)

CS Tel Aviv Univ, Sackler Fac Med, Sheba Med Ctr, Maurice & Gabriela
Goldschleger Eye Res Inst, IL-52621 Tel Hashomer, Israel (Reprint);
Virginia Commonwealth Univ, Med Coll Virginia, Richmond, VA 23298 USA;
McGuire Dept Vet Affairs Med Ctr, Richmond, VA 23249 USA

CYA Israel; USA

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (23 NOV 2001) Vol. 276, No. 47, pp.
43645-43652.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814 USA.
ISSN: 0021-9258.

DT Article; Journal

LA English

REC Reference Count: 57
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 73 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:928125 SCISEARCH

GA The Genuine Article (R) Number: 490WM

TI Crystal structure of the precursor of galactose oxidase: An unusual
self-processing enzyme

AU Firbank S J; Rogers M S; Wilmot C M; Dooley D M; Halcrow M A; Knowles P F;
McPherson M J; Phillips S E V (Reprint)

CS Univ Leeds, Sch Biochem & Mol Biol, Astbury Ctr Struct Mol Biol, Leeds LS2
9JT, W Yorkshire, England (Reprint); Univ Leeds, Sch Chem, Leeds LS2 9JT,
W Yorkshire, England; Montana State Univ, Dept Chem & Biochem, Bozeman, MT
59717 USA

CYA England; USA

SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF
AMERICA, (6 NOV 2001) Vol. 98, No. 23, pp. 12932-12937.
Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC
20418 USA.
ISSN: 0027-8424.

DT Article; Journal

LA English

REC Reference Count: 45
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 74 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 31

AN 2001:526834 BIOSIS

DN PREV200100526834

TI Overproduction of PDR3 suppresses mitochondrial import defects associated
with a TOM70 null mutation by increasing the expression of TOM72 in
Saccharomyces cerevisiae.

AU Koh, Julie Y.; Hajek, Petr; Bedwell, David M. [Reprint author]

CS Department of Microbiology, The University of Alabama at Birmingham, 1530
Third Ave., South, BBRB 432, Birmingham, AL, 35294-2170, USA
dbedwell@uab.edu

SO Molecular and Cellular Biology, (November, 2001) Vol. 21, No. 22, pp.
7576-7586. print.
CODEN: MCEBD4. ISSN: 0270-7306.

DT Article
LA English
ED Entered STN: 14 Nov 2001
Last Updated on STN: 23 Feb 2002

L2 ANSWER 75 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 32

AN 2001:503873 BIOSIS

DN PREV200100503873

TI Subtilisin-like autotransporter serves as maturation protease in a
bacterial secretion pathway.

AU Coutte, Loic; Antoine, Rudy; Drobecq, Herve; Locht, Camille;
Jacob-Dubuisson, Francoise [Reprint author]

CS INSERM U447, Institut Pasteur de Lille, 1 Rue Calmette, 59019, Lille
Cedex, France
francoise.jacob@pasteur-lille.fr

SO EMBO (European Molecular Biology Organization) Journal, (September 17,
2001) Vol. 20, No. 18, pp. 5040-5048. print.
CODEN: EMJODG. ISSN: 0261-4189.

DT Article
LA English
ED Entered STN: 31 Oct 2001
Last Updated on STN: 23 Feb 2002

L2 ANSWER 76 OF 216 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
on STN DUPLICATE

AN 2001202454 ESBIOBASE

TI The pro-sequence facilitates folding of human nerve growth factor from
Escherichia coli inclusion bodies

AU Rattenhoff A.; Lillie H.; Grossmann A.; Stern A.; Schwarz E.; Rudolph R.
CS E. Schwarz, Institut fur Biotechnologie, Martin-Luther-Univ.
Halle-Wittenberg, Kurt-Mothes-Str. 3, D-06120 Halle/Saale, Germany.
E-mail: elisabeth.schwarz@biochemtech.uni-halle.de

SO European Journal of Biochemistry, (2001), 268/11 (3296-3303), 36
reference(s)
CODEN: EJBCAI ISSN: 0014-2956

DT Journal; Article
CY United Kingdom
LA English
SL English

L2 ANSWER 77 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:442954 SCISEARCH

GA The Genuine Article (R) Number: 437QJ

TI Active subtilisin-like protease from a hyperthermophilic archaeon in a
form with a putative prosequence

AU Kannan Y; Koga Y; Inoue Y; Haruki M; Takagi M; Imanaka T; Morikawa M;
Kanaya S (Reprint)

CS Osaka Univ, Grad Sch Engn, Dept Mat & Life Sci, 2-1 Yamadaoka, Suita,
Osaka 5650871, Japan (Reprint); Osaka Univ, Grad Sch Engn, Dept Mat & Life
Sci, Suita, Osaka 5650871, Japan; Osaka Univ, Grad Sch Engn, Dept
Biotechnol, Suita, Osaka 5650871, Japan; Kyoto Univ, Grad Sch Engn, Dept
Synthet Chem & Biol Chem, Kyoto 6068501, Japan

CYA Japan

SO APPLIED AND ENVIRONMENTAL MICROBIOLOGY, (JUN 2001) Vol. 67, No. 6, pp.
2445-2452.
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904
USA.
ISSN: 0099-2240.

DT Article; Journal
LA English
REC Reference Count: 43
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 78 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:795880 SCISEARCH

GA The Genuine Article (R) Number: 477HD

TI The toxins of *Bacteroides fragilis*

AU Sears C L (Reprint)

CS Johns Hopkins Univ, sch Med, Div Infect Dis, Dept Med, Baltimore, MD 21205

CYA USA (Reprint); Johns Hopkins Univ, Sch Med, Div Gastroenterol, Dept Med, Baltimore, MD 21205 USA
USA

SO TOXICON, (NOV 2001) Vol. 39, No. 11, pp. 1737-1746.
Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND.
ISSN: 0041-0101.

DT Article; Journal
LA English
REC Reference Count: 67
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 79 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:93099 BIOSIS
DN PREV200200093099

TI Action of an intra-molecular chaperone: Activation of Kex2p by its pro-region.

AU LeSage, G. [Reprint author]; Lacombe, J. [Reprint author]; Cousineau, M. [Reprint author]; Guimond, J. [Reprint author]; Helie, G. [Reprint author]; Boileau, G. [Reprint author]

CS Departement de biochimie, Universite de Montreal, Succursale Centre-Ville, Montreal, QC, H3C 3J7, Canada

SO Biochemistry and Cell Biology, (2001) Vol. 79, No. 5, pp. 658. print.
Meeting Info.: Proceedings of the 11th Winternational Symposium of the Canadian Society of Biochemistry and Molecular and Cellular Biology on Dynamics of Intracellular Organelles and Molecular Machines. Beaupre, Quebec, Canada. February 08-11, 2001. Canadian Society of Biochemistry and Molecular and Cellular Biology.
CODEN: BCBIEQ. ISSN: 0829-8211.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 24 Jan 2002
Last Updated on STN: 25 Feb 2002

L2 ANSWER 80 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 34

AN 2001:566820 BIOSIS
DN PREV200100566820

TI Accelerated refolding of subtilisin BPN' by tertiary-structure-forming mutants of its propeptide.

AU Kojima, Shuichi [Reprint author]; Yanai, Hideyuki; Miura, Kin-ichiro

CS Institute for Biomolecular Science, Gakushuin University, Mejiro, Tokyo, 171-8588, Japan
shuichi.kojima@gakushuin.ac.jp

SO Journal of Biochemistry (Tokyo), (Oct., 2001) Vol. 130, No. 4, pp. 471-474. print.
CODEN: JOBIAO. ISSN: 0021-924X.

DT Article
LA English

ED Entered STN: 12 Dec 2001
Last Updated on STN: 25 Feb 2002

L2 ANSWER 81 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:372534 SCISEARCH
GA The Genuine Article (R) Number: 427ZA

TI A plausible function of the prion protein: conjectures and a hypothesis

AU Abdulla Y H (Reprint)

CS Univ London Kings Coll, MRC, Ctr Dev Neurobiol, Mol Neurobiol Grp, Guys Campus, St Thomas St, London SE1 9RT, England (Reprint); Univ London Kings Coll, MRC, Ctr Dev Neurobiol, Mol Neurobiol Grp, London SE1 9RT, England

CYA England

SO BIOESSAYS, (MAY 2001) Vol. 23, No. 5, pp. 456-462.
Publisher: COMPANY OF BIOLOGISTS LTD, BIDDER BUILDING CAMBRIDGE COMMERCIAL PARK COWLEY RD, CAMBRIDGE CB4 4DL, CAMBS, ENGLAND.
ISSN: 0265-9247.

DT Article; Journal
LA English

REC Reference Count: 59
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 82 OF 216 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2004) on STN
AN 2001:62769 AGRICOLA

DUPLICATE 35

DN IND23220919
TI Function of the prosequence for in vivo folding and secretion of active Rhizopus oryzae lipase in *Saccharomyces cerevisiae*.
AU Takahashi, S.; Ueda, M.; Tanaka, A.
AV DNAL (QR1.E9)
SO Applied microbiology and biotechnology, May 2001. vol. 55, No. 4. p. 454-462
Publisher: Berlin, Germany : Springer Verlag.
CODEN: AMBIDG; ISSN: 0175-7598
NTE Includes references
CY Germany
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L2 ANSWER 83 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 36
AN 2001:473067 BIOSIS
DN PREV200100473067
TI Pectin methylesterases: Cell wall enzymes with important roles in plant physiology.
AU Micheli, Fabienne [Reprint author]
CS Laboratoire de Biologie Moleculaire des Relations Plantes-Microorganismes, INRA-CNRS, 31326, Castanet-Tolosan Cedex, France
micheli@toulouse.inra.fr
SO Trends in Plant Science, (September, 2001) Vol. 6, No. 9, pp. 414-419.
print.
ISSN: 1360-1385.
DT Article
LA English
ED Entered STN: 10 Oct 2001
Last Updated on STN: 23 Feb 2002

L2 ANSWER 84 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 37
AN 2002:921 BIOSIS
DN PREV200200000921
TI Mechanism of Kex2p inhibition by its proregion.
AU Lesage, Guillaume; Tremblay, Melanie; Guimond, Julie; Boileau, Guy [Reprint author]
CS Departement de Biochimie, Universite de Montreal, Succursale Centre-ville, Montreal, QC, H3C 3J7, Canada
boileaug@bcm.umontreal.ca
SO FEBS Letters, (23 November, 2001) Vol. 508, No. 3, pp. 332-336. print.
CODEN: FEBLAL. ISSN: 0014-5793.
DT Article
LA English
ED Entered STN: 28 Dec 2001
Last Updated on STN: 25 Feb 2002

L2 ANSWER 85 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 38
AN 2001:265644 BIOSIS
DN PREV200100265644
TI Substrate-induced activation of a trapped IMC-mediated protein folding intermediate.
AU Inouye, Masayori; Fu, Xuan; Shinde, Ujwal [Reprint author]
CS Department of Biochemistry, Robert Wood Johnson Medical School, 675 Hoes Lane, Piscataway, NJ, 08854, USA
shinde@rwja.umdnj.edu
SO Nature Structural Biology, (April, 2001) Vol. 8, No. 4, pp. 321-325.
print.
ISSN: 1072-8368.
DT Article
LA English
ED Entered STN: 6 Jun 2001
Last Updated on STN: 19 Feb 2002

L2 ANSWER 86 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:890416 SCISEARCH
GA The Genuine Article (R) Number: 487YL
TI Structures and functions of precursors of bacterial proteases
AU Serkina A V (Reprint); Shevelev A B; Chestukhina G G
CS All Russia Res Inst Genet & Select Ind Microorgan, Pervyi Dorozhnyi Proezd 1, Moscow 113545, Russia (Reprint); All Russia Res Inst Genet & Select Ind Microorgan, Moscow 113545, Russia

CYA Russia
SO RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY, (SEP-OCT 2001) Vol. 27, No. 5,
pp. 285-305.
Publisher: MAIK NAUKA/INTERPERIODICA, C/O KLUWER ACADEMIC-PLENUM
PUBLISHERS, 233 SPRING ST, NEW YORK, NY 10013-1578 USA.
ISSN: 1068-1620.

DT General Review; Journal
LA English
REC Reference Count: 119
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 87 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:606603 SCISEARCH
GA The Genuine Article (R) Number: 456AW
TI Backbone dynamics of the natively unfolded pro-peptide of subtilisin by
heteronuclear NMR relaxation studies
AU Buevich A V; Shinde U P; Inouye M; Baum J (Reprint)
CS Rutgers State Univ, Dept Chem, 610 Taylor Rd, Piscataway, NJ 08854 USA
(Reprint); Rutgers State Univ, Dept Chem, Piscataway, NJ 08854 USA; Univ
Med & Dent New Jersey, Robert Wood Johnson Med Sch, Dept Biochem,
Piscataway, NJ 08854 USA

CYA USA
SO JOURNAL OF BIOMOLECULAR NMR, (JUL 2001) Vol. 20, No. 3, pp. 233-249.
Publisher: KLUWER ACADEMIC PUBL, SPUIBOULEVARD 50, PO BOX 17, 3300 AA
DORDRECHT, NETHERLANDS.
ISSN: 0925-2738.

DT Article; Journal
LA English
REC Reference Count: 55
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 88 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 39
AN 2002:336 BIOSIS
DN PREV200200000336
TI Functional analysis of the propeptides of subtilisin E and aqualysin I as
intramolecular ***chaperones***
AU Takagi, Hiroshi [Reprint author]; Koga, Mihoko; Katsurada, Saori; Yabuta,
Yukihiro; Shinde, Ujwal; Inouye, Masayori; Nakamori, Shigeru
CS Department of Bioscience, Fukui Prefectural University, 4-1-1 Kenjojima,
Matsuoka-cho, Fukui, 910-1195, Japan
hiro@fpu.ac.jp
SO FEBS Letters, (16 November, 2001) Vol. 508, No. 2, pp. 210-214. print.
CODEN: FEBLAL. ISSN: 0014-5793.

DT Article
LA English
ED Entered STN: 28 Dec 2001
Last Updated on STN: 25 Feb 2002

L2 ANSWER 89 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 40
AN 2001:61293 BIOSIS
DN PREV200100061293
TI Folding pathway mediated by an ***intramolecular*** ***chaperone***
: The structural and functional characterization of the Aqualysin I
propeptide.
AU Marie-Claire, Cynthia; Yabuta, Yukihiro; Suefuji, Kyoko; Matsuzawa,
Hiroshi; Shinde, Ujwal [Reprint author]
CS Department of Biochemistry, Robert-Wood Johnson Medical school-UMDNJ, 675
Hoes Lane, Piscataway, NJ, 08854, USA
shinde@rwja.umdnj.edu
SO Journal of Molecular Biology, (5 January, 2001) Vol. 305, No. 1, pp.
151-165. print.
CODEN: JMOBAK. ISSN: 0022-2836.

DT Article
LA English
ED Entered STN: 31 Jan 2001
Last Updated on STN: 12 Feb 2002

L2 ANSWER 90 OF 216 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
on STN
DUPLICATE
AN 2001068040 ESBIOBASE
TI Molecular dynamics simulation of Escherichia coli dihydrofolate reductase
and its protein fragments: Relative stabilities in experiment and
simulations
AU Yuk Yin Sham; Ma B.; Tsai C.-J.; Nussinov R.

CS Dr. R. Nussinov, NCI-FCRF Bldg. 469, Frederick, MD 21702, United States.
E-mail: ruthn@ncifcrf.gov
SO Protein Science, (2001), 10/1 (135-148), 39 reference(s)
CODEN: PRCIEI ISSN: 0961-8368
DT Journal; Article
CY United States
LA English
SL English

L2 ANSWER 91 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 42
AN 2001:439820 BIOSIS
DN PREV200100439820
TI C-terminal propeptide of the Caldariomyces fumago chloroperoxidase: An ***intramolecular*** ***chaperone*** ?.
AU Conesa, Ana; Weelink, Gerri; van den Hondel, Cees A. M. J. J.; Punt, Peter J. [Reprint author]
CS Department of Applied Microbiology and Gene Technology, TNO Nutrition and Food Research Institute, 3700 AJ, Zeist, Netherlands
p.punt@voeding.tno.nl
SO FEBS Letters, (17 August, 2001) Vol. 503, No. 2-3, pp. 117-120. print.
CODEN: FEBLAL. ISSN: 0014-5793.
DT Article
LA English
ED Entered STN: 19 Sep 2001
Last Updated on STN: 22 Feb 2002

L2 ANSWER 92 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:562880 SCISEARCH
GA The Genuine Article (R) Number: 449ZN
TI Improved autoprocessing efficiency of mutant subtilisins E with altered specificity by engineering of the pro-region
AU Takahashi M (Reprint); Hasuura Y; Nakamori S; Takagi H
CS Fukui Prefectural Univ, Dept Biosci, Fukui 9101195, Japan (Reprint)
CYA Japan
SO JOURNAL OF BIOCHEMISTRY, (JUL 2001) Vol. 130, No. 1, pp. 99-106.
Publisher: JAPANESE BIOCHEMICAL SOC, ISHIKAWA BLDG-3F, 25-16
HONGO-5-CHOME, BUNKYO-KU, TOKYO, 113, JAPAN.
ISSN: 0021-924X.
DT Article; Journal
LA English
REC Reference Count: 33
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 93 OF 216 DISSABS COPYRIGHT (C) 2004 Proquest Information and Learning Company; All Rights Reserved on STN
AN 2002:37010 DISSABS Order Number: AAINQ64707
TI Structure-function studies of the proprotein convertases: The pro- and P-domains
AU Zhong, Mei [Ph.D.]; Seidah, Nabil G. [adviser]
CS McGill University (Canada) (0781)
SO Dissertation Abstracts International, (2000) vol. 62, No. 12B, p. 5553.
Order No.: AAINQ64707. 193 pages.
ISBN: 0-612-64707-2.
DT Dissertation
FS DAI
LA English

L2 ANSWER 94 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:19702 SCISEARCH
GA The Genuine Article (R) Number: 384PB
TI Processing and sorting of the prohormone convertase 2 propeptide
AU Muller L; Cameron A; Fortenberry Y; Apletalina E V; Lindberg I (Reprint)
CS Louisiana State Univ, Hlth Sci Ctr, Dept Biochem & Mol Biol, 1901 Perdido St, New Orleans, LA 70112 USA (Reprint); Louisiana State Univ, Hlth Sci Ctr, Dept Biochem & Mol Biol, New Orleans, LA 70112 USA
CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (15 DEC 2000) Vol. 275, No. 50, pp. 39213-39222.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814 USA.
ISSN: 0021-9258.
DT Article; Journal
LA English
REC Reference Count: 69
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 95 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 43
AN 2000:478199 BIOSIS
DN PREV200000478199
TI The propeptide domain of membrane type 1-matrix metalloproteinase acts as an ***intramolecular*** ***chaperone*** when expressed in trans with the mature sequence in COS-1 cells.
AU Cao, Jian; Hymowitz, Michelle; Conner, Cathleen; Bahou, Wadie F.; Zucker, Stanley [Reprint author]
CS VA Medical Center, Northport, NY, 11768, USA
SO Journal of Biological Chemistry, (September 22, 2000) Vol. 275, No. 38, pp. 29648-29653. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 8 Nov 2000
Last Updated on STN: 10 Jan 2002

L2 ANSWER 96 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2000:713120 SCISEARCH
GA The Genuine Article (R) Number: 354KY
TI Characterization of native and recombinant falcipain-2, a principal trophozoite cysteine protease and essential hemoglobinase of Plasmodium falciparum
AU Shenai B R; Sijwali P S; Singh A; Rosenthal P J (Reprint)
CS UNIV CALIF SAN FRANCISCO, BOX 0811, SAN FRANCISCO, CA 94143 (Reprint);
UNIV CALIF SAN FRANCISCO, SAN FRANCISCO GEN HOSP, DEPT MED, SAN FRANCISCO, CA 94143
CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (15 SEP 2000) Vol. 275, No. 37, pp. 29000-29010.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 78
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 97 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 44
AN 2000:489289 BIOSIS
DN PREV200000489410
TI Dual function of the propeptide of prouroguanylin in the folding of the mature peptide: Disulfide-coupled folding and dimerization.
AU Hidaka, Yuji [Reprint author]; Shimono, Chisei; Ohno, Megumu; Okumura, Nobuaki; Adermann, Knut; Forssmann, Wolf-Georg; Shimonishi, Yasutsugu
CS Division of Organic Chemistry, Institute for Protein Research, Osaka University, Yamadaoka 3-2, Suita, Osaka, 565-0871, Japan
SO Journal of Biological Chemistry, (August 18, 2000) Vol. 275, No. 33, pp. 25155-25162. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 15 Nov 2000
Last Updated on STN: 10 Jan 2002

L2 ANSWER 98 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 45
AN 2000:305203 BIOSIS
DN PREV200000305203
TI Folding pathway mediated by an ***intramolecular*** ***chaperone*** : The inhibitory and chaperone functions of the subtilisin propeptide are not obligatorily linked.
AU Fu, Xuan; Inouye, Masayori; Shinde, Ujwal [Reprint author]
CS Dept. of Biochemistry, Robert Wood Johnson Medical School-UMDNJ, 675 Hoes Ln., Piscataway, NJ, 08854, USA
SO Journal of Biological Chemistry, (June 2, 2000) Vol. 275, No. 22, pp. 16871-16878. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 19 Jul 2000
Last Updated on STN: 7 Jan 2002

L2 ANSWER 99 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 46
AN 2000:503499 BIOSIS
DN PREV200000503499
TI The residual pro-part of cathepsin C fulfills the criteria required for an
intramolecular ***chaperone*** in folding and stabilizing the
human proenzyme.
AU Cigic, Blaz [Reprint author]; Dahl, Soren W.; Pain, Roger H.
CS Department of Food Science and Technology, Biotechnical Faculty,
University of Ljubljana, Jamnikarjeva 101, 1000, Ljubljana, Slovenia
SO Biochemistry, (October 10, 2000) Vol. 39, No. 40, pp. 12382-12390. print.
CODEN: BICHAW. ISSN: 0006-2960.
DT Article
LA English
ED Entered STN: 22 Nov 2000
Last Updated on STN: 11 Jan 2002

L2 ANSWER 100 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2000:286299 SCISEARCH
GA The Genuine Article (R) Number: 302BT
TI Processing of lysosomal beta-galactosidase - The C-terminal precursor
fragment is an essential domain of the mature enzyme
AU vanderspoel A; Bonten E; dAzzo A (Reprint)
CS ST JUDE CHILDRENS HOSP, DEPT GENET, 332 N LAUDERDALE, MEMPHIS, TN 38105
(Reprint); ST JUDE CHILDRENS HOSP, DEPT GENET, MEMPHIS, TN 38105
CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (7 APR 2000) Vol. 275, No. 14, pp.
10035-10040.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 50
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 101 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2000:884663 SCISEARCH
GA The Genuine Article (R) Number: 374KJ
TI Intra- and intermolecular events direct the propeptide-mediated maturation
of the Candida albicans secreted aspartic proteinase Sap1p
AU Beggah S; Lechenne B; Reichard U; Foundling S; Monod M (Reprint)
CS CHU VAUDOIS, SERV DERMATOL DHURDV, LAB MYCOL, BT422, CH-1011 LAUSANNE,
SWITZERLAND (Reprint); CHU VAUDOIS, SERV DERMATOL DHURDV, LAB MYCOL,
CH-1011 LAUSANNE, SWITZERLAND; UNIV GOTTINGEN, INST HYG, DEPT MED
MICROBIOL, D-3400 GOTTINGEN, GERMANY; UNIV WISCONSIN, SCH PHARM, DEPT MED
& ORGAN CHEM, MADISON, WI 53706
CYA SWITZERLAND; GERMANY; USA
SO MICROBIOLOGY-UK, (NOV 2000) Vol. 146, Part 11, pp. 2765-2773.
Publisher: SOC GENERAL MICROBIOLOGY, MARLBOROUGH HOUSE, BASINGSTOKE RD,
SPENCERS WOODS, READING RG7 1AE, BERKS, ENGLAND.
ISSN: 1350-0872.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 33
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 102 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 47
AN 2001:27506 BIOSIS
DN PREV200100027506
TI Activation of Pseudomonas aeruginosa elastase in Pseudomonas putida by
triggering dissociation of the propeptide-enzyme complex.
AU Braun, Peter; Bitter, Wilbert; Tommassen, Jan [Reprint author]
CS Department of Molecular Microbiology and Institute of Biomembranes,
Utrecht University, Padualaan 8, 3584 CH, Utrecht, Netherlands
j.p.m.tommassen@bio.uu.nl
SO Microbiology (Reading), (October, 2000) Vol. 146, No. 10, pp. 2565-2572.
print.
ISSN: 1350-0872.
DT Article
LA English
ED Entered STN: 10 Jan 2001

Last Updated on STN: 12 Feb 2002

L2 ANSWER 103 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 48
AN 2001:127174 BIOSIS
DN PREV200100127174
TI The Kex2p proregion is essential for the biosynthesis of an active enzyme
and requires a C-terminal basic residue for its function.
AU Lesage, Guillaume; Prat, Annick; Lacombe, Julie; Thomas, David Y.; Seidah,
Nabil G.; Boileau, Guy [Reprint author]
CS Departement de Biochimie, Universite de Montreal, Montreal, PQ, H3C 3J7,
Canada
boileaug@bcm.umontreal.ca
SO Molecular Biology of the Cell, (June, 2000) vol. 11, No. 6, pp. 1947-1957.
print.
CODEN: MBCEEV. ISSN: 1059-1524.
DT Article
LA English
ED Entered STN: 14 Mar 2001
Last Updated on STN: 15 Feb 2002

L2 ANSWER 104 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2000:751617 SCISEARCH
GA The Genuine Article (R) Number: 358VR
TI Von Willebrand factor storage and multimerization: 2 independent
intracellular processes
AU Haberichter S L; Fahs S A; Montgomery R R (Reprint)
CS MED COLL WISCONSIN, DEPT PEDIAT, 8701 WATERTOWN PLANK RD, MILWAUKEE, WI
53226 (Reprint); MED COLL WISCONSIN, DEPT PEDIAT, MILWAUKEE, WI 53226;
BLOOD CTR SE WISCONSIN INC, BLOOD RES INST, MILWAUKEE, WI 53201; CHILDRENS
HOSP WISCONSIN, MILWAUKEE, WI 53201
CYA USA
SO BLOOD, (1 SEP 2000) vol. 96, No. 5, pp. 1808-1815.
Publisher: AMER SOC HEMATOLOGY, 1900 M STREET. NW SUITE 200, WASHINGTON,
DC 20036.
ISSN: 0006-4971.
DT Article; Journal
FS LIFE; CLIN
LA English
REC Reference Count: 46
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 105 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 49
AN 2000:418249 BIOSIS
DN PREV200000418249
TI The N-terminal prepeptide is required for the production of spore
cortex-lytic enzyme from its inactive precursor during germination of
Clostridium perfringens S40 spores.
AU Okamura, S.; Urakami, K.; Kimata, M.; Aoshima, T.; Shimamoto, S.;
Moriyama, R.; Makino, S. [Reprint author]
CS Department of Applied Molecular Biosciences, Graduate School of
Bioagricultural Sciences, Nagoya University, Nagoya, Aichi, 464-8601,
Japan
SO Molecular Microbiology, (August, 2000) vol. 37, No. 4, pp. 821-827. print.
CODEN: MOMIEE. ISSN: 0950-382X.
DT Article
LA English
ED Entered STN: 4 Oct 2000
Last Updated on STN: 8 Jan 2002

L2 ANSWER 106 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2000:705557 SCISEARCH
GA The Genuine Article (R) Number: 353HF
TI Production of serine protease of Aeromonas sobria is controlled by the
protein encoded by the gene lying adjacent to the 3' end of the protease
gene
AU Okamoto K (Reprint); Nomura T; Hamada M; Fukuda T; Noguchi Y; Fujii Y
CS TOKUSHIMA BUNRI UNIV, FAC PHARMACEUT SCI, DEPT BIOCHEM, YAMASHIRO CHO,
TOKUSHIMA 7708514, JAPAN (Reprint); TOKUSHIMA BUNRI UNIV, FAC PHARMACEUT
SCI, INST PHARMACOL, TOKUSHIMA 7708514, JAPAN
CYA JAPAN
SO MICROBIOLOGY AND IMMUNOLOGY, (AUG 2000) vol. 44, No. 9, pp. 787-798.
Publisher: CENTER ACADEMIC PUBL JAPAN, 4-16 YAYOI 2-CHOME, BUNKYO-KU,
TOKYO 113, JAPAN.
ISSN: 0385-5600.

DT Article; Journal
FS LIFE
LA English
REC Reference Count: 35
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 107 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 50
AN 2001:12515 BIOSIS
DN PREV200100012515
TI Binding and folding: In search of ***intramolecular***
chaperone -like building block fragments.
AU Ma, Buyong; Tsai, Chung-Jung; Nussinov, Ruth [Reprint author]
CS Intramural Research Support Program-SAIC, Laboratory of Experimental and
Computational Biology, NCI-FCRDC, Bldg 469, Rm 151, Frederick, MD, 21702,
USA
ruthn@ncifcrf.gov
SO Protein Engineering, (September, 2000) Vol. 13, No. 9, pp. 617-627. print.
CODEN: PRENE9. ISSN: 0269-2139.
DT Article
LA English
ED Entered STN: 27 Dec 2000
Last Updated on STN: 27 Dec 2000

L2 ANSWER 108 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:226516 BIOSIS
DN PREV200000226516
TI The propeptide domain of membrane type-1 matrix metalloproteinase acts as
an ***intramolecular*** ***chaperone***.
AU Cao, Jian [Reprint author]; Hymowitz, M.; Conner, C.; Bahou, W.; Zucker,
S.
CS SUNY - Stony Brook, Stony Brook, NY, USA
SO Proceedings of the American Association for Cancer Research Annual
Meeting, (March, 2000) No. 41, pp. 547. print.
Meeting Info.: 91st Annual Meeting of the American Association for Cancer
Research. San Francisco, California, USA. April 01-05, 2000.
ISSN: 0197-016X.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 7 Jun 2000
Last Updated on STN: 5 Jan 2002

L2 ANSWER 109 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:894664 CAPLUS
DN 134:322185
TI The mechanism of the propeptide-mediated folding of guanylyl cyclase
activating peptides
AU Hidaka, Yuji; Ohno, Megumu; Shimono, Chisei; Okamura, Masamichi; Schulz,
Axel; Adermann, Knut; Forssmann, Wolf-Georg; Shimonishi, Yasutsugu
CS Institute for Protein Research, Osaka University, Suita, 565-0871, Japan
SO Peptides for the New Millennium, Proceedings of the American Peptide
Symposium, 16th, Minneapolis, MN, United States, June 26-July 1, 1999
(2000), Meeting Date 1999, 327-329. Editor(s): Fields, Gregg B.; Tam,
James P.; Barany, George. Publisher: Kluwer Academic Publishers,
Dordrecht, Neth.
CODEN: 69ATHX
DT Conference
LA English
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 110 OF 216 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
DUPLICATE
AN 2000:32174012 BIOTECHNO
TI The function of propeptide domains of cysteine proteinases
AU Wiederanders B.
CS B. Wiederanders, Friedrich-Schiller-Universitat Jena, Klinikum, Institut
fur Biochemie, Nonnenplan 2, D-07743 Jena, Germany.
SO Advances in Experimental Medicine and Biology, (2000), 477/- (261-270),
19 reference(s)
CODEN: AEMBAP ISSN: 0065-2598
DT Journal; Conference Article
CY United States
LA English
SL English

L2 ANSWER 111 OF 216 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
on STN DUPLICATE
AN 2000244769 ESBIOBASE
TI Requirement for the COOH-terminal pro-sequence in the translocation of
aqualysin I across the cytoplasmic membrane in Escherichia coli
AU Kim D.-W.; Matsuzawa H.
CS D.-W. Kim, Howard Hughes Medical Institute, Department of Cell Biology,
Yale University School of Medicine, 295 Congress Ave., New Haven, CT
06510, United States.
E-mail: dong-wook.kim@yale.edu
SO Biochemical and Biophysical Research Communications, (14 OCT 2000), 277/1
(216-220), 20 reference(s)
CODEN: BBRCAO ISSN: 0006-291X
DT Journal; Article
CY United States
LA English
SL English

L2 ANSWER 112 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 53
AN 2000:327217 CAPLUS
TI ***Intramolecular*** ***chaperone*** mediated folding of
subtilisin.
AU Shinde, Ujwal P.; Fu, Xuan; Marie-Claire, Cynthia; Yabuta, Yukihiro;
Inouye, Masayori
CS Department of Biochemistry, Robert Wood Johnson Medical School-UMDNJ,
Piscataway, NJ, 08854, USA
SO Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March
26-30, 2000 (2000), BIOL-177 Publisher: American Chemical Society,
Washington, D. C.
CODEN: 69CLAC
DT Conference; Meeting Abstract
LA English

L2 ANSWER 113 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2000:638318 SCISEARCH
GA The Genuine Article (R) Number: 317UV
TI ***Intramolecular*** ***chaperone*** mediated folding of
subtilisin.
AU Shinde I P (Reprint); Fu X; MarieClaire C; Yabuta Y; Inouye M
CS UNIV MED & DENT NEW JERSEY, ROBERT WOOD JOHNSON MED SCH, DEPT BIOCHEM,
PISCATAWAY, NJ 08854
CYA USA
SO ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, (26 MAR 2000) vol.
219, Part 1, pp. 177-BIOL.
Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036.
ISSN: 0065-7727.
DT Conference; Journal
LA English
REC Reference Count: 0

L2 ANSWER 114 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2000:136635 SCISEARCH
GA The Genuine Article (R) Number: 283VC
TI Display of active subtilisin 309 on phage: Analysis of parameters
influencing the selection of subtilisin variants with changed substrate
specificity from libraries using phosphonylating inhibitors
AU Legendre D; Laraki N; Graslund T; Bjornvad M E; Bouchet M; Nygren P A;
Borchert T V; Fastrez J (Reprint)
CS UNIV CATHOLIQUE LOUVAIN, LAB BIOCHEM PHYS & BIOPOLYMERES, PL L PASTEUR
1-1B, B-1348 LOUVAIN, BELGIUM (Reprint); UNIV CATHOLIQUE LOUVAIN, LAB
BIOCHEM PHYS & BIOPOLYMERES, B-1348 LOUVAIN, BELGIUM; ROYAL INST TECHNOL,
DEPT BIOCHEM & BIOTECHNOL, KTH, S-10044 STOCKHOLM, SWEDEN; NOVO NORDISK
AS, DK-2880 BAGSVAERD, DENMARK
CYA BELGIUM; SWEDEN; DENMARK
SO JOURNAL OF MOLECULAR BIOLOGY, (11 FEB 2000) vol. 296, no. 1, pp. 87-102.
Publisher: ACADEMIC PRESS LTD, 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND.
ISSN: 0022-2836.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 70
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 115 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 54

AN 2000:190113 BIOSIS
DN PREV200000190113
TI ***Intramolecular*** ***chaperones*** : Polypeptide extensions that modulate protein folding.
AU Shinde, Ujwal [Reprint author]; Inouye, Masayori [Reprint author]
CS Department of Biochemistry, UMDNJ-RWJMS, 675 Hoes Lane, Piscataway, NJ, 08854, USA
SO Seminars in Cell and Developmental Biology, (Feb., 2000) Vol. 11, No. 1, pp. 35-44. print.
ISSN: 1084-9521.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 17 May 2000
Last Updated on STN: 4 Jan 2002

L2 ANSWER 116 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:202480 BIOSIS
DN PREV200000202480
TI ***Intramolecular*** ***chaperone*** mediated folding of subtilisin.
AU Shinde, Ujwal P. [Reprint author]; Fu, Xuan [Reprint author]; Marie-Claire, Cynthia [Reprint author]; Yabuta, Yukihiro [Reprint author]; Inouye, Masayori [Reprint author]
CS Department of Biochemistry, Robert Wood Johnson Medical School-UMDNJ, 675 Hoes Lane, Piscataway, NJ, 08854, USA
SO Abstracts of Papers American Chemical Society, (2000) Vol. 219, No. 1-2, pp. BIOL 177. print.
Meeting Info.: 219th Meeting of the American Chemical Society. San Francisco, California, USA. March 26-30, 2000. American Chemical Society.
CODEN: ACSRAL. ISSN: 0065-7727.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 May 2000
Last Updated on STN: 5 Jan 2002

L2 ANSWER 117 OF 216 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
DUPLICATE 55
AN 2000-01038 BIOTECHDS
TI New chimeric proteins containing human growth hormone fragment, used particularly for the production of human insulin;
human somatotropin and insulin precursor fusion protein production
AU Gan Zhongru
PA Tonghua-Gantech-Biotechnology
LO Tonghua City, People's Republic of China.
PI WO 9950302 7 Oct 1999
AI WO 1998-CN52 31 Mar 1998
PRAI WO 1998-CN52 31 Mar 1998
DT Patent
LA English
OS WPI: 1999-610839 [52]

L2 ANSWER 118 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 56
AN 2000:70549 BIOSIS
DN PREV200000070549
TI The prosegments of furin and PC7 as potent inhibitors of proprotein convertases. In vitro and ex vivo assessment of their efficacy and selectivity.
AU Zhong, Mei; Munzer, Jon Scott; Basak, Ajoy; Benjannet, Suzanne; Mowla, Seyed J.; Decroly, Etienne; Chretien, Michel; Seidah, Nabil G. [Reprint author]
CS Clinical Research Institute of Montreal, 110 Pine Ave. West, Montreal, Quebec, Canada
SO Journal of Biological Chemistry, (Nov. 26, 1999) Vol. 274, No. 48, pp. 33913-33920. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 16 Feb 2000
Last Updated on STN: 3 Jan 2002

L2 ANSWER 119 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 57
AN 1999:323055 BIOSIS

DN PREV199900323055
TI A pathway for conformational diversity in proteins mediated by ***intramolecular*** ***chaperones***
AU Shinde, Ujwal; Fu, Xuan; Inouye, Masayori [Reprint author]
CS Dept. of Biochemistry, Robert Wood Johnson Medical School-UMDNJ, 675 Hoes Ln., Piscataway, NJ, 08854, USA
SO Journal of Biological Chemistry, (May 28, 1999) Vol. 274, No. 22, pp. 15615-15621. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 24 Aug 1999
Last Updated on STN: 24 Aug 1999

L2 ANSWER 120 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 58
AN 1999:219709 BIOSIS
DN PREV199900219709
TI Novel mechanisms control the folding and assembly of lambda5/14.1 and VpreB to produce an intact surrogate light chain.
AU Minegishi, Yoshiyuki; Hendershot, Linda M.; Conley, Mary Ellen [Reprint author]
CS Department of Immunology, St. Jude Children's Research Hospital, Memphis, TN, 38105, USA
SO Proceedings of the National Academy of Sciences of the United States of America, (March 16, 1999) Vol. 96, No. 6, pp. 3041-3046. print.
CODEN: PNASA6. ISSN: 0027-8424.
DT Article
LA English
ED Entered STN: 7 Jun 1999
Last Updated on STN: 7 Jun 1999

L2 ANSWER 121 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 59
AN 1999:135012 BIOSIS
DN PREV199900135012
TI The prosequence of thermolysin acts as an ***intramolecular*** ***chaperone*** when expressed in trans with the mature sequence in Escherichia coli.
AU Marie-Claire, Cynthia; Ruffet, Emmanuel; Beaumont, Ann; Roques, Bernard P. [Reprint author]
CS Dep. Pharmacochimie Moleculaire Structurale, U26 INSERM URA 8600 CNRS, UFR Sciences, Pharmaceutiques Biologiques, 4 Avenue de l'Observatoire, 75270 Paris Cedex 06, France
SO Journal of Molecular Biology, (Feb. 5, 1999) Vol. 285, No. 5, pp. 1911-1915. print.
CODEN: JMOPAK. ISSN: 0022-2836.
DT Article
LA English
ED Entered STN: 31 Mar 1999
Last Updated on STN: 31 Mar 1999

L2 ANSWER 122 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1999:185426 SCISEARCH
GA The Genuine Article (R) Number: 171AC
TI Involvement of the C-terminal region of yeast proteinase B inhibitor 2 in its inhibitory action
AU Kojima S (Reprint); Deguchi M; Miura K
CS GAKUSHUIN UNIV, INST BIOMOL SCI, TOKYO 1718588, JAPAN (Reprint)
CYA JAPAN
SO JOURNAL OF MOLECULAR BIOLOGY, (26 FEB 1999) Vol. 286, No. 3, pp. 775-785.
Publisher: ACADEMIC PRESS LTD, 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND.
ISSN: 0022-2836.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 52
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 123 OF 216 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V. on STN
DUPLICATE
AN 1999180787 ESBIOBASE
TI Molecular cloning and expression in Escherichia coli of the extracellular endoprotease of Aeromonas caviae T-64, a pro-aminopeptidase processing enzyme
AU Nirasawa S.; Nakajima Y.; Zhang Z.; Yoshida M.; Hayashi K.

CS K. Hayashi, Applied Enzymology Laboratory, National Food Research Institute, Tsukuba, Ibaraki 305-8642, Japan.
E-mail: khayashi@nfrri.affrc.go.jp

SO Biochimica et Biophysica Acta - Protein Structure and Molecular Enzymology, (1999), 1433/1-2 (335-342), 29 reference(s)
CODEN: BBAEDZ ISSN: 0167-4838

PUI S0167483899001582
DT Journal; Article
CY Netherlands
LA English
SL English

L2 ANSWER 124 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1999:60585 CAPLUS
DN 130:308299

TI The propeptide of *Fasciola hepatica* cathepsin L is a potent and selective inhibitor of the mature enzyme

AU Roche, Leda; Tort, Jose; Dalton, John P.
CS School of Biological Sciences, Dublin City University, Dublin, Ire.
SO Molecular and Biochemical Parasitology (1999), 98(2), 271-277
CODEN: MBIPDP; ISSN: 0166-6851
PB Elsevier Science Ireland Ltd.
DT Journal
LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 125 OF 216 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2004) on STN DUPLICATE 61
AN 2000:60507 AGRICOLA
DN IND22061541

TI Proregion of *Bombyx mori* cysteine proteinase functions as an ***intramolecular*** ***chaperone*** to promote proper folding of the mature enzyme.

AU Yamamoto, Y.; Watabe, S.; Kageyama, T.; Takahashi, S.Y.
AV DNAL (QL495.A7)
SO Archives of insect biochemistry and physiology, Nov 1999. Vol. 42, No. 3. p. 167-178
Publisher: New York, N.Y. : Wiley-Liss.
CODEN: AIBPEA; ISSN: 0739-4462

NTE Includes references
CY New York (State); United States
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L2 ANSWER 126 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 62
AN 1999:386014 BIOSIS
DN PREV199900386014

TI ***Intramolecular*** ***chaperone*** and inhibitor activities of a propeptide from a bacterial zinc aminopeptidase.

AU Nirasawa, Satoru; Nakajima, Yoshiaki; Zhang, Zhen-Zhong; Yoshida, Michiteru; Hayashi, Kiyoshi [Reprint author]
CS Applied Enzymology Laboratory, National Food Research Institute, Tsukuba, Ibaraki, 305-8642, Japan
SO Biochemical Journal, (July 1, 1999) Vol. 341, No. 1, pp. 25-31. print.
ISSN: 0264-6021.
DT Article
LA English
ED Entered STN: 28 Sep 1999
Last Updated on STN: 6 Dec 1999

L2 ANSWER 127 OF 216 FSTA COPYRIGHT 2004 IFIS on STN
AN 2000(02):B0213 FSTA
TI Carboxypeptidase Y: structural basis for protein sorting and catalytic triad.

AU Jung, G.; Ueno, H.; Hayashi, R.
CS Correspondence (Reprint) address, R. Hayashi, Div. of Applied Life Sci., Graduate Sch. of Agric., Kyoto Univ., Sakyo-ku, Kyoto 606-8502, Japan.
Tel. +81-75-753-6110. Fax +81-75-753-6128
SO Journal of Biochemistry, (1999), 126 (1) 1-6, 62 ref.
ISSN: 0021-924X
DT General Review

LA English

L2 ANSWER 128 OF 216 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 1999:16464 DISSABS Order Number: AAR9906725
TI AGGRECAN SYNTHESIS AND SECRETION: A PARADIGM FOR MOLECULAR AND CELLULAR COORDINATION OF MULTIGLOBULAR PROTEIN FOLDING AND INTRACELLULAR TRAFFICKING

AU ZHENG, JING [PH.D.]; TANZER, MARVIN [adviser]
CS THE UNIVERSITY OF CONNECTICUT (0056)
SO Dissertation Abstracts International, (1998) Vol. 59, No. 9B, p. 4650.
Order No.: AAR9906725. 104 pages.

DT Dissertation
FS DAI
LA English

L2 ANSWER 129 OF 216 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 1998:39719 DISSABS Order Number: AAR9829028
TI STUDIES ON THE STRUCTURE-FUNCTION RELATIONSHIPS OF CLOSTRIDIUM SEPTICUM ALPHA TOXIN (PORE FORMATION, ***INTRAMOLECULAR*** ***CHAPERONE***)
AU SELLMAN, BRET RICHARD [PH.D.]; TWETEN, RODNEY K. [adviser]
CS THE UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER (0361)
SO Dissertation Abstracts International, (1998) Vol. 59, No. 4B, p. 1489.
Order No.: AAR9829028. 98 pages.

DT Dissertation
FS DAI
LA English

L2 ANSWER 130 OF 216 USPATFULL on STN
AN 1998:17192 USPATFULL
TI Protein activation
IN Inouye, Masayori, Bridgewater, NJ, United States
PA University of Medicine and Dentistry of New Jersey, Newark, NJ, United States (U.S. corporation)
PI US 5719021 19980217
AI US 1992-923260 19920731 (7)
RLI Continuation-in-part of Ser. No. US 1989-346552, filed on 2 May 1989, now patented, Pat. No. US 5191063
DT Utility
FS Granted
LN.CNT 1783
INCL INCLM: 435/006.000
NCL NCLM: 435/006.000
IC [6]
ICM: C12Q011-68
ICS: C12P021-00; C12N009-96; C07K014-435
EXF 435/6; 435/68.1; 435/69.1; 435/183; 435/188; 530/324; 530/345; 530/350; 530/402; 530/427
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 131 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 63
AN 1999:27819 BIOSIS
DN PREV199900027819
TI Determinants of Ascaris hemoglobin octamer formation.
AU Minning, Dena M.; Goldberg, Daniel E. [Reprint author]
CS Washington Univ. Sch. Med., Dep. Molecular Microbiol., 660 S. Euclid Ave., Box 8230, St. Louis, MO 63110, USA
SO Journal of Biological Chemistry, (Dec. 4, 1998) Vol. 273, No. 49, pp. 32644-32649. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 3 Feb 1999
Last Updated on STN: 3 Feb 1999

L2 ANSWER 132 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 64
AN 1999:543 BIOSIS
DN PREV199900000543
TI Biochemical and biophysical characterization of refolded Drosophila DPP, a homolog of bone morphogenetic proteins 2 and 4.
AU Groppe, Jay [Reprint author]; Rumpel, Klaus; Economides, Aris N.; Stahl, Neil; Sebald, Walter; Affolter, Markus
CS Dep. Cell Biol., Biozentrum, Univ. Basel, Klingelbergstrasse 70, CH-4056

SO Basel, Switzerland
Journal of Biological Chemistry, (Oct. 30, 1998) Vol. 273, No. 44, pp.
29052-29065. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article
LA English
ED Entered STN: 11 Jan 1999
Last Updated on STN: 11 Jan 1999

L2 ANSWER 133 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1998:404802 SCISEARCH
GA The Genuine Article (R) Number: ZP588
TI Aggrecan synthesis and secretion - A paradigm for molecular and cellular
coordination of multiglobular protein folding and intracellular
trafficking
AU Zheng J; Luo W; Tanzer M L (Reprint)
CS UNIV CONNECTICUT, CTR HLTH, SCH DENT MED, DEPT BIOSTRUCT & FUNCT,
FARMINGTON, CT 06030 (Reprint); UNIV CONNECTICUT, CTR HLTH, SCH DENT MED,
DEPT BIOSTRUCT & FUNCT, FARMINGTON, CT 06030
CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (22 MAY 1998) Vol. 273, No. 21, pp.
12999-13006.
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE
PIKE, BETHESDA, MD 20814.
ISSN: 0021-9258.

DT Article; Journal
FS LIFE
LA English
REC Reference Count: 41
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 134 OF 216 AQUASCI COPYRIGHT 2004 FAO (on behalf of the ASFA
Advisory Board). All rights reserved. on STN DUPLICATE 65
AN 1998:37075 AQUASCI
DN ASFA1 1998
TI Characterization of the C-terminal propeptide involved in bacterial wall
spanning of alpha -amylase from the psychrophile Alteromonas haloplanctis
AU Feller, G.; D'Amico, S.; Benotmane, A.M.; Joly, F.; Van Beeumen, J.;
Gerday, C.
CS Lab. Biochem., Inst. Chem. B6, Univ. Liege, B-4000 Liege, Belgium
SO Journal of Biological Chemistry, (19980500) vol. 273, no. 20, pp.
12109-12115.
ISSN: 0021-9258.

DT Journal
FS ASFA1
LA English
SL English

L2 ANSWER 135 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 66
AN 1998:226476 BIOSIS
DN PREV199800226476
TI Routing and processing of lactase-phlorizin hydrolase in transfected
Caco-2 cells.
AU Ouwendijk, Joke [Reprint author]; Peters, Wilma J. M.; Van De
Vorstenbosch, Rinske A.; Ginsel, Leo A.; Naim, Hassan Y.; Fransen, Jack A.
M.
CS Dep. Cell Biol. Histol., Univ. Nijmegen, P.O. Box 9101, 6500 HB Nijmegen,
Netherlands
SO Journal of Biological Chemistry, (March 20, 1998) Vol. 273, No. 12, pp.
6650-6655. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article
LA English
ED Entered STN: 20 May 1998
Last Updated on STN: 20 May 1998

L2 ANSWER 136 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 67
AN 1998:255242 BIOSIS
DN PREV199800255242
TI Tertiary structure formation in the propeptide of subtilisin BPN' by
successive amino acid replacements and its close relation to function.
AU Kojima, Shuichi [Reprint author]; Minagawa, Tetsuya; Miura, Kin-Ichiro
CS Inst. Biomolecular Sci., Gakushuin Univ., Mejiro 1-5-1, Toshima-ku, Tokyo
171, Japan

SO Journal of Molecular Biology, (April 17, 1998) vol. 277, No. 5, pp. 1007-1013. print.
CODEN: JMOBAK. ISSN: 0022-2836.

DT Article
LA English
ED Entered STN: 9 Jun 1998
Last Updated on STN: 12 Aug 1998

L2 ANSWER 137 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:38062 CAPLUS
DN 128:177279
TI Protein folding mediated by ***intramolecular*** ***chaperones***
AU Shinde, Ujwal; Liu, Jianjun; Inouye, Masayori
CS Robert Wood Johnson Medical School, Piscataway, NJ, USA
SO Molecular Chaperones in the Life Cycle of Proteins (1998), 467-490.
Editor(s): Fink, Anthony L.; Goto, Yuji. Publisher: Dekker, New York, N.Y.
CODEN: 65MIAP

DT Conference; General Review
LA English

RE.CNT 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 138 OF 216 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 68
AN 1998118161 EMBASE
TI Erratum: Protein memory through altered folding mediated by ***intramolecular*** ***chaperones*** (Nature (1997) 389 (520-522)).
AU Shinde U.P.; Liu J.J.; Inouye M.
SO Nature, (12 Mar 1998) 392/6672 (210).
ISSN: 0028-0836 CODEN: NATUAS
CY United Kingdom
DT Journal; Errata
FS 029 Clinical Biochemistry
LA English

L2 ANSWER 139 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:193738 CAPLUS
DN 128:214689
TI Protein memory through altered folding mediated by ***intramolecular*** ***chaperones*** . [Erratum to document cited in CA127:327942]
AU Shinde, U. P.; Liu, J. J.; Inouye, M.
CS Dep. of Biochem., Robert Wood Johnson Mec. Sch., Piscataway, NJ, 08854, USA
SO Nature (London) (1998), 392(6672), 210
CODEN: NATUAS; ISSN: 0028-0836
PB Macmillan Magazines
DT Journal
LA English

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 140 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1998:206912 SCISEARCH
GA The Genuine Article (R) Number: ZB349
TI Protein memory through altered folding mediated by ***intramolecular*** ***chaperones*** (vol 389, pg 520, 1997)
AU Shinde U P (Reprint); Liu J J; Inouye M
SO NATURE, (12 MAR 1998) Vol. 392, No. 6672, pp. 210-210.
Publisher: MACMILLAN MAGAZINES LTD, PORTERS SOUTH, 4 CRINAN ST, LONDON, ENGLAND N1 9XW.
ISSN: 0028-0836.
DT Errata; Journal
FS PHYS; LIFE; AGRI
LA English
REC Reference Count: 1

L2 ANSWER 141 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 69
AN 1998:757969 CAPLUS
DN 130:92087
TI The crystal structure of an autoprocessed ser221 Cys-subtilisin E-propeptide complex at 2.0 .ANG. resolution
AU Jain, Shri C.; Shinde, Ujwal; Li, Yuyun; Inouye, Masayori; Berman, Helen M.
CS Department of Chemistry, Rutgers University, Piscataway, NJ, 08854-8087, USA

SO Journal of Molecular Biology (1998), 284(1), 137-144
CODEN: JMOBAK; ISSN: 0022-2836
PB Academic Press
DT Journal
LA English
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 142 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 70
AN 1998:409110 BIOSIS
DN PREV199800409110
TI Staphylococcal lipases: Molecular characterisation, secretion, and processing.
AU Goetz, Friedrich [Reprint author]; Verheij, Hubertus M.; Rosenstein, Ralf
CS Mikrobielle Genetik, Universitaet Tuebingen, Waldhauser Str. 70/8, D-72076
Tuebingen, Germany
SO Chemistry and Physics of Lipids, (June, 1998) Vol. 93, No. 1-2, pp. 15-25.
print.
CODEN: CPLIA4. ISSN: 0009-3084.
DT Article
LA English
ED Entered STN: 21 Sep 1998
Last Updated on STN: 21 Sep 1998

L2 ANSWER 143 OF 216 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 97:67854 DISSABS Order Number: AAR9734435
TI ANALYSIS OF THE EARLY STAGES OF MITOCHONDRIAL PROTEIN IMPORT (ATPASE PRECURSOR, PROTEIN FOLDING, MEMBRANE)
AU HAJEK, PETR [PH.D.]; BEDWELL, DAVID [advisor]
CS UNIVERSITY OF ALABAMA AT BIRMINGHAM (0005)
SO Dissertation Abstracts International, (1997) Vol. 58, No. 5B, p. 2220.
Order No.: AAR9734435. 120 pages.
DT Dissertation
FS DAI
LA English
ED Entered STN: 19971014
Last Updated on STN: 19971014

L2 ANSWER 144 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 71
AN 1998:38674 BIOSIS
DN PREV199800038674
TI The amino terminus of the F1-ATPase beta-subunit precursor functions as an ***intramolecular*** ***chaperone*** to facilitate mitochondrial protein import.
AU Hajek, Petr; Koh, Julie Y.; Jones, Leonard; Bedwell, David M. [Reprint author]
CS Dep. Microbiol., Bevill Biomedical Res. Build., Rm. 432, Univ. Alabama Birmingham, Birmingham, AL 35294-2170, USA
SO Molecular and Cellular Biology, (Dec., 1997) Vol. 17, No. 12, pp. 7169-7177. print.
CODEN: MCEBD4. ISSN: 0270-7306.
DT Article
LA English
ED Entered STN: 14 Jan 1998
Last Updated on STN: 14 Jan 1998

L2 ANSWER 145 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 72
AN 1997:60516 BIOSIS
DN PREV199799359719
TI ***Intramolecular*** ***chaperone*** activity of the pro-region of Vibrio cholerae El Tor cytolsin.
AU Nagamune, Kisaburo; Yamamoto, Koichiro [Reprint author]; Honda, Takeshi
CS Dep. Bacterial Infect., Res. Inst. Microbial Dis., Osaka Univ., Yamadaoka 3-1, Suita, Osaka 565, Japan
SO Journal of Biological Chemistry, (1997) Vol. 272, No. 2, pp. 1338-1343.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 11 Feb 1997
Last Updated on STN: 11 Feb 1997

L2 ANSWER 146 OF 216 AGRICOLA Compiled and distributed by the National

Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN

DUPLICATE 73

AN 1998:5470 AGRICOLA

DN IND20610587

TI Analysis of the complex formed by Erythrina variegata chymotrypsin inhibitor with chymotrypsin and properties of the peptides from the inhibitor by a limited proteolysis.

AU Kimura, M.; Harada, N.; Iwanaga, S.; Yamasaki, N.

CS Kyushu University, Fukuoka, Japan.

SO European journal of biochemistry, Nov 1997. Vol. 249, No. 3. p. 870-877

Publisher: Berlin : Springer-Verlag Berlin.

CODEN: EJBCAI; ISSN: 0014-2956

NTE Includes references

CY Germany

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L2 ANSWER 147 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:255501 CAPLUS

DN 129:51258

TI The use of proteinase propeptides as selective inhibitors of pest digestive enzymes

AU Taylor, Mark A. J.

CS Food Macromolecular Science Department, Institute of Food Research, Reading, RG6 6BZ, UK

SO Biomedical and Health Research (1997), 13(Proteolysis in Cell Functions), 562-566

CODEN: BIHREN; ISSN: 0929-6743

PB IOS Press

DT Journal

LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 148 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 97:529596 SCISEARCH

GA The Genuine Article (R) Number: XJ725

TI Lambda-toxin of Clostridium perfringens activates the precursor of epsilon-toxin by releasing its N- and C-terminal peptides

AU Minami J; Katayama S; Matsushita O; Matsushita C; Okabe A (Reprint)

CS KAGAWA MED UNIV, FAC MED, DEPT MICROBIOL, MIKI, KAGAWA 76107, JAPAN
(Reprint); KAGAWA MED UNIV, FAC MED, DEPT MICROBIOL, MIKI, KAGAWA 76107, JAPAN

CYA JAPAN

SO MICROBIOLOGY AND IMMUNOLOGY, (JUL 1997) Vol. 41, No. 7, pp. 527-535.
Publisher: CENTER ACADEMIC PUBL JAPAN, 4-16 YAYOI 2-CHOME, BUNKYO-KU, TOKYO 113, JAPAN.

ISSN: 0385-5600.

DT Article; Journal

FS LIFE

LA English

REC Reference Count: 40

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 149 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

DUPLICATE 74

AN 1997:482606 BIOSIS

DN PREV199799781809

TI Protein memory through altered folding mediated by ***intramolecular***
chaperones

AU Shinde, U. P.; Liu, J. J.; Inouye, M. [Reprint author]

CS Dep. Biochemistry, Robert Wood Johnson Med. Sch.-UMDNJ, 675 Hoes Lane, Piscataway, NJ 08854, USA

SO Nature (London), (1997) Vol. 389, No. 6650, pp. 520-522.

CODEN: NATUAS. ISSN: 0028-0836.

DT Article

LA English

ED Entered STN: 7 Nov 1997

Last Updated on STN: 7 Nov 1997

L2 ANSWER 150 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:110498 CAPLUS

DN 128:254367

TI Subtilisin

AU Shinde, Ujwal; Inouye, Masayori
CS Department of Biochemistry, Robert Wood Johnson Medical School,
Piscataway, NJ, 08854, USA
SO Guidebook to Molecular Chaperones and Protein-Folding catalysts (1997),
471-472. Editor(s): Gething, Mary-Jane. Publisher: Oxford University
Press, Oxford, UK.
CODEN: 65RBAT
DT Conference; General Review
LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 151 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 75
AN 1997:440312 BIOSIS
DN PREV199799739515
TI The propeptide of Clostridium septicum alpha toxin functions as an
intramolecular ***chaperone*** and is a potent inhibitor of
alpha toxin-dependent cytolysis.
AU Sellman, Bret R.; Tweten, Rodney K. [Reprint author]
CS Microbiol. Immunol., Univ. Oklahoma Health Sci. Cent., Oklahoma City, OK
73190, USA
SO Molecular Microbiology, (1997) vol. 25, No. 3, pp. 429-440.
CODEN: MOMIEE. ISSN: 0950-382X.
DT Article
LA English
ED Entered STN: 8 Oct 1997
Last Updated on STN: 8 Oct 1997

L2 ANSWER 152 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:111372 BIOSIS
DN PREV199800111372
TI An alteration in the alpha-chain propeptide is associated with
beta-hexosaminidase A pseudodeficiency.
AU De Gasperi, R. [Reprint author]; Gama Sosa, M. A. [Reprint author];
Horowitz, M.; Mitchell, D. A. [Reprint author]; Lehrerfeld, T. [Reprint
author]; Kolodny, E. H. [Reprint author]
CS Dep. Neurol., New York Univ. Sch. Med., New York, NY, USA
SO American Journal of Human Genetics, (Oct., 1997) Vol. 61, No. 4 SUPPL.,
pp. A250. print.
Meeting Info.: 47th Annual Meeting of the American Society of Human
Genetics. Baltimore, Maryland, USA. October 28-November 1, 1997.
CODEN: AJHGAG. ISSN: 0002-9297.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 3 Mar 1998
Last Updated on STN: 6 Apr 1998

L2 ANSWER 153 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 76
AN 1997:365204 BIOSIS
DN PREV199799657137
TI The propeptide of subtilisin BPN' as a temporary inhibitor and effect of
an amino acid replacement on its inhibitory activity.
AU Kojima, Shuichi; Minagawa, Tetsuya; Miura, Kin-Ichiro [Reprint author]
CS Inst. Biomolecular Sci., Gakushuin Univ., Mejiro, Tokyo 171, Japan
SO FEBS Letters, (1997) Vol. 411, No. 1, pp. 128-132.
CODEN: FEBLAL. ISSN: 0014-5793.
DT Article
LA English
ED Entered STN: 25 Aug 1997
Last Updated on STN: 25 Aug 1997

L2 ANSWER 154 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 77
AN 1997:385996 BIOSIS
DN PREV199799685199
TI Structure and structure formation of the 20S proteasome.
AU Schmitt, Marion; Schmidtke, Gunter; Kloetzel, Peter M.
CS Zent. Exp. Med., Inst. Biochem., Med. Fak., Humboldt Univ. Berlin,
Monbijoustr. 2a, 10117 Berlin, Germany
SO Molecular Biology Reports, (1997) vol. 24, No. 1-2, pp. 103-112.
CODEN: MLBRBU. ISSN: 0301-4851.
DT Article

LA General Review; (Literature Review)
ED English
Entered STN: 10 Sep 1997
Last Updated on STN: 10 Sep 1997

L2 ANSWER 155 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1997:282046 BIOSIS
DN PREV199799581249
TI The propeptide from Clostridium septicum alpha toxin acts as an
intramolecular ***chaperone*** .
AU Sellman, B. R.; Tweten, R. K.
CS Univ. Oklahoma Health Sci. Center, Oklahoma City, OK, USA
SO Abstracts of the General Meeting of the American Society for Microbiology,
(1997) Vol. 97, No. 0, pp. 82.
Meeting Info.: 97th General Meeting of the American Society for
Microbiology. Miami Beach, Florida, USA. May 4-8, 1997.
ISSN: 1060-2011.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 3 Jul 1997
Last Updated on STN: 3 Jul 1997

L2 ANSWER 156 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 78
AN 1998:226136 BIOSIS
DN PREV199800226136
TI Role of the COOH-terminal pro-sequence of aqualysin I (a heat-stable
serine protease) in its extracellular secretion by Thermus thermophilus.
AU Kim, Dong-Wook; Lee, Young-Choon; Matsuzawa, Hiroshi [Reprint author]
CS Dep. Biotechnol., Univ. Tokyo, 1-1-1 Yayoi, Bunkyo-ku, Tokyo 113, Japan
SO FEMS Microbiology Letters, (Dec. 1, 1997) Vol. 157, No. 1, pp. 39-45.
print.
CODEN: FMLED7. ISSN: 0378-1097.

DT Article
LA English
ED Entered STN: 20 May 1998
Last Updated on STN: 20 May 1998

L2 ANSWER 157 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:480331 CAPLUS
DN 125:189234
TI ***Intramolecular*** ***chaperone*** : the role of the propeptide
of subtilisin E in protein folding
AU Li, Yuyun
CS Graduate School of Biomedical Sciences, Univ. of Medicine and Dentistry of
New Jersey, Newark, NJ, USA
SO (1996) 154 pp. Avail.: Univ. Microfilms Int., Order No. DA9622209
From: Diss. Abstr. Int., B 1996, 57(3), 1772
DT Dissertation
LA English

L2 ANSWER 158 OF 216 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
Learning Company; All Rights Reserved on STN
AN 96:43189 DISSABS Order Number: AAI9622209
TI ***INTRAMOLECULAR*** ***CHAPERONE*** : THE ROLE OF THE PROPEPTIDE
OF SUBTILISIN E IN PROTEIN FOLDING
AU LI, YUYUN [PH.D.]; INOUYE, MASAYORI [advisor]
CS UNIV. OF MEDICINE AND DENTISTRY OF N.J. GRAD. SCH. OF BIOMED. SCI. (0301)
SO Dissertation Abstracts International, (1996) vol. 57, No. 3B, p. 1772.
Order No.: AAI9622209. 154 pages.

DT Dissertation
FS DAI
LA English
ED Entered STN: 19960807
Last Updated on STN: 19960807

L2 ANSWER 159 OF 216 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
Learning Company; All Rights Reserved on STN
AN 96:42835 DISSABS Order Number: AAI9621607
TI INTRACELLULAR SORTING OF PEPTIDE HORMONE PRECURSORS AND THE MECHANISM OF
SECRETORY VESICLE FORMATION
AU CHEN, YEGUANG [PH.D.]; SHIELDS, DENNIS [advisor]
CS YESHIVA UNIVERSITY (0266)
SO Dissertation Abstracts International, (1996) Vol. 57, No. 3B, p. 1559.

DT Order No.: AAI9621607. 138 pages.
FS Dissertation
LA English
ED Entered STN: 19960807
Last Updated on STN: 19960807

L2 ANSWER 160 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 79
AN 1996:331303 BIOSIS
DN PREV199699053659
TI Roles of the propeptide and metal ions in the folding and stability of the catalytic domain of stromelysin (Matrix Metalloproteinase 3).
AU Wetmore, Diana R.; Hardman, Karl D. [Reprint author]
CS Phys. Sci. Dep., DuPont Merck Pharm. Co., Exp. Stn., Wilmington, DE 19880-0228, USA
SO Biochemistry, (1996) Vol. 35, No. 21, pp. 6549-6558.
CODEN: BICHAW. ISSN: 0006-2960.
DT Article
LA English
ED Entered STN: 26 Jul 1996
Last Updated on STN: 26 Sep 1996

L2 ANSWER 161 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 80
AN 1997:300971 BIOSIS
DN PREV199799600174
TI Extracellular production of a *Serratia marcescens* serine protease in *Escherichia coli*.
AU Ohnishi, Yasuo; Horinouchi, Sueharu [Reprint author]
CS Dep. Biotechnol., Div. Agric. Life Sci., Univ. Tokyo, Bunkyo-ku, Tokyo 113, Japan
SO Bioscience Biotechnology and Biochemistry, (1996) Vol. 60, No. 10, pp. 1551-1558.
ISSN: 0916-8451.
DT Article
LA General Review; (Literature Review)
ED Entered STN: 9 Jul 1997
Last Updated on STN: 9 Jul 1997

L2 ANSWER 162 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 81
AN 1996:129549 BIOSIS
DN PREV199698701684
TI Distinct roles of the N-terminal and C-terminal precursor domains in the biogenesis of the *Bordetella pertussis* filamentous hemagglutinin.
AU Renaud-Mongenie, Genevieve; Cornette, Jocelyne; Mielcarek, Nathalie; Menozzi, Franco D.; Locht, Camille [Reprint author]
CS Lab. de Microbiologie Genetique et Moleculaire, INSERM CJF 9109, Inst. Pasteur de Lille, 1, rue du Prof. Calmette, F-59019 Lille Cedex, France
SO Journal of Bacteriology, (1996) Vol. 178, No. 4, pp. 1053-1060.
CODEN: JOBAAY. ISSN: 0021-9193.
DT Article
LA English
ED Entered STN: 27 Mar 1996
Last Updated on STN: 27 Mar 1996

L2 ANSWER 163 OF 216 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
on STN DUPLICATE
AN 1996170965 ESBIOWEB
TI Evidence for propeptide-assisted folding of the calcium-dependent protease of the cyanobacterium *Anabaena*
AU Baier K.; Nicklisch S.; Lockau W.
CS W. Lockau, Humboldt-Universitat zu Berlin, Institut fur Biologie, Biochemie der Pflanzen, Chausseestrasse 117, D-10115 Berlin, Germany.
SO European Journal of Biochemistry, (1996), 241/3 (750-755)
CODEN: EJBCAI ISSN: 0014-2956
DT Journal; Article
CY Germany, Federal Republic of
LA English
SL English

L2 ANSWER 164 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 83
AN 1996:523196 BIOSIS

DN PREV199699245552
TI The mechanism of autoprocessing of the propeptide of prosubtilisin E:
Intramolecular or intermolecular event?.
AU Li, Yuyun; Inouye, Masayori [Reprint author]
CS Dep. Biochem., Robert Wood Johnson Med. Sch., 675 Hoes Lane, Piscataway,
NJ 08854, USA
SO Journal of Molecular Biology, (1996) Vol. 262, No. 5, pp. 591-594.
CODEN: JMOBAK. ISSN: 0022-2836.
DT Article
LA English
ED Entered STN: 22 Nov 1996
Last Updated on STN: 23 Nov 1996

L2 ANSWER 165 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 84
AN 1996:129467 BIOSIS
DN PREV199698701602
TI Role of the propeptide in folding and secretion of elastase of *Pseudomonas aeruginosa*.
AU Braun, Peter [Reprint author]; Tommassen, Jan; Filloux, Alain
CS Dep. Molecular Cell Biol. Inst. Biomembranes, Utrecht Univ., Padualaan 8,
3584 CH Utrecht, Netherlands
SO Molecular Microbiology, (1996) vol. 19, No. 2, pp. 297-306.
CODEN: MOMIEE. ISSN: 0950-382X.
DT Article
LA English
ED Entered STN: 27 Mar 1996
Last Updated on STN: 27 Mar 1996

L2 ANSWER 166 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 85
AN 1996:328428 CAPLUS
DN 125:81470
TI Analysis of pro-region of El Tor cytolsin of *Vibrio cholerae* as an
intramolecular ***chaperone***
AU Nagamune, Kisaburo
CS Res. Inst. Microb. Dis., Osaka Univ., suita, 565, Japan
SO Osaka Daigaku Igaku Zasshi (1996), 48(4/5), 233-244
CODEN: ODIZAK; ISSN: 0369-710X
PB Osaka Daigaku Igakkai
DT Journal
LA Japanese

L2 ANSWER 167 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 86
AN 1996:520554 CAPLUS
DN 125:241446
TI ***Intramolecular*** ***chaperone*** of alanine racemase
AU Yoshimura, Tohru; Soda, Kenji
CS Inst. Chem. Res., Kyoto Univ., Uji, 611, Japan
SO Igaku no Ayumi (1996), 178(4), 217-219
CODEN: IGAYAY; ISSN: 0039-2359
PB Ishiyaku
DT Journal; General Review
LA Japanese

L2 ANSWER 168 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 87
AN 1996:565606 CAPLUS
DN 125:241384
TI Propeptide-mediated folding in subtilisin: The ***intramolecular***
chaperone concept
AU Shinde, Ujwala; Inouye, Masayori
CS Robert Wood Johnson Medical School, University Medicine and Dentistry New Jersey, Piscataway, NJ, 08854, USA
SO Advances in Experimental Medicine and Biology (1996), 379(Subtilisin Enzymes), 147-154
CODEN: AEMBAP; ISSN: 0065-2598
PB Plenum
DT Journal; General Review
LA English

L2 ANSWER 169 OF 216 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN
AN 95:55780 DISSABS Order Number: AAI9534016
TI STUDIES ON EXTRACELLULAR PROTEINASES AS VIRULENCE FACTORS IN INVASIVE PULMONARY ASPERGILLOSIS (ASPERGILLUS FUMIGATUS)
AU LEE, JONGDAE [PH.D.]; KOLATTUKUDY, PAPPACHAN E. [advisor]
CS THE OHIO STATE UNIVERSITY (0168)

SO Dissertation Abstracts International, (1995) vol. 56, No. 6B, p. 3038.
Order No.: AAI9534016. 122 pages.

DT Dissertation

FS DAI

LA English

ED Entered STN: 19951206
Last Updated on STN: 19951206

L2 ANSWER 170 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1996:505813 CAPLUS

DN 125:188913

TI ***Intramolecular*** ***Chaperones*** and Protein Folding.

AU Shinde, Ujwala; Inouye, Masayori; Editors

CS USA

SO (1995) Publisher: (Landes, Austin, Tex.), 259 pp.

DT Book

LA English

L2 ANSWER 171 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 88

AN 1995:547392 BIOSIS

DN PREV199698561692

TI Functional analysis of the propeptide of subtilisin E as an
intramolecular ***chaperone*** for protein folding: Refolding

AU and inhibitory abilities of propeptide mutants.

AU Li, Yuyun [Reprint author]; Hu, Zhixiang; Jordan, Frank; Inouye, Masayori
[Reprint author]

CS Dep. Biochem., Robert Wood Johnson Med. Sch., Univ. Med. Dent. N.J.,
Piscataway, NJ 08854, USA

SO Journal of Biological Chemistry, (1995) vol. 270, No. 42, pp. 25127-25132.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 31 Dec 1995

Last Updated on STN: 31 Dec 1995

L2 ANSWER 172 OF 216 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
DUPLICATE

AN 1995:25239509 BIOTECHNO

TI The propeptide of anglerfish preprosomatostatin-I rescues
prosomatostatin-II from intracellular degradation

AU Chen Y.-G.; Danoff A.; Shields D.

CS Developmental/Molecular Biol. Dept., Albert Einstein College of
Medicine, Bronx, NY 10461, United States.

SO Journal of Biological Chemistry, (1995), 270/31 (18598-18605)
CODEN: JBCHA3 ISSN: 0021-9258

DT Journal; Article

CY United States

LA English

SL English

L2 ANSWER 173 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 90

AN 1996:66909 BIOSIS

DN PREV199698639044

TI The elastase propeptide functions as an ***intramolecular***
chaperone required for elastase activity and secretion in
Pseudomonas aeruginosa.

AU McIver, Kevin S.; Kellser, Efrat; Olson, Joan C.; Ohman, Dennis E.
[Reprint author]

CS Dep. Microbiol. Immunol., Univ. Tennessee, Veterans Affairs Medical
Center, 858 Madison Avenue, Memphis, TN 38163, USA

SO Molecular Microbiology, (1995) Vol. 18, No. 5, pp. 877-889.
CODEN: MOMIEE. ISSN: 0950-382X.

DT Article

LA English

ED Entered STN: 9 Feb 1996

Last Updated on STN: 13 Mar 1996

L2 ANSWER 174 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 91

AN 1995:904385 CAPLUS

DN 124:77875

TI Biochemical function of lipase activator gene (lipB) from Pseudomonas
aeruginosa TE 3285

AU Nishioka, Takaaki; Oda, Junichi

CS Inst. Chemical Res., Kyoto University, Uji-shi, 611, Japan

SO Yukagaku (1995), 44(10), 777-86
CODEN: YKGKAM; ISSN: 0513-398X
PB Nippon Yukagaku Kyokai
DT Journal
LA Japanese

L2 ANSWER 175 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 95:459805 SCISEARCH
GA The Genuine Article (R) Number: RF961
TI PRO-SEQUENCE-ASSISTED PROTEIN-FOLDING
AU EDER J; FERSHT A R (Reprint)
CS UNIV CAMBRIDGE, CHEM LAB, MRC, PROT FUNCT & DESIGN LAB, LENSFIELD RD,
LONDON W1N 4AL, ENGLAND (Reprint); UNIV CAMBRIDGE, CHEM LAB, MRC, PROT
FUNCT & DESIGN LAB, LONDON W1N 4AL, ENGLAND
CYA ENGLAND
SO MOLECULAR MICROBIOLOGY, (MAY 1995) Vol. 16, No. 4, pp. 609-614.
ISSN: 0950-382X.
DT General Review; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 60
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 176 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 92
AN 1995:251573 BIOSIS
DN PREV199598265873
TI Folding mediated by an ***intramolecular*** ***chaperone*** :
Autoprocessing pathway of the precursor resolved via a substrate assisted
catalysis mechanism.
AU Shinde, Ujwala; Inouye, Masayori
CS Dep. Biochem., Robert Wood Johnson Med. Sch., Univ. Med. Dentistry New
Jersey, 675 Hoes Lane, Piscataway, NJ 08854, USA
SO Journal of Molecular Biology, (1995) Vol. 247, No. 3, pp. 390-395.
CODEN: JMOBAK. ISSN: 0022-2836.
DT Article
LA English
ED Entered STN: 13 Jun 1995
Last Updated on STN: 13 Jun 1995

L2 ANSWER 177 OF 216 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
RESERVED. on STN DUPLICATE 93
AN 96053011 EMBASE
DN 1996053011
TI Pro-region of El Tor cytolsin of Vibrio cholerae as
intramolecular ***chaperone*** .
AU Nagamune K.; Yamamoto K.; Honda T.
CS Department of Bacterial Infections, Research Inst. Microbial Diseases,
Osaka University, Suita, Osaka 565, Japan
SO Japanese Journal of Medical Science and Biology, (1995) 48/5-6 (277-278).
ISSN: 0021-5112 CODEN: JJMCAQ
CY Japan
DT Journal; Conference Article
FS 004 Microbiology
LA English

L2 ANSWER 178 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 94
AN 1995:296187 BIOSIS
DN PREV199598310487
TI The pro-region of human intestinal lactase-phlorizin hydrolase is
enzymatically inactive towards lactose.
AU Naim, Hassan Y.
CS Forschungslabor Proteinsekretion, Inst. Mikrobiol., Heinrich-Heine-Univ.
Duesseldorf, Universitaetsstr 1, D-40225 Duesseldorf, Germany
SO Biological Chemistry Hoppe-Seyler, (1995) Vol. 376, No. 4, pp. 255-258.
CODEN: BCHSEI. ISSN: 0177-3593.
DT Article
LA English
ED Entered STN: 11 Jul 1995
Last Updated on STN: 2 Aug 1995

L2 ANSWER 179 OF 216 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
DUPLICATE
AN 1995:26259152 BIOTECHNO
TI Propeptide-mediated folding in subtilisin: The ***intramolecular***

AU ***chaperone*** concept
AU Shinde U.; Inouye M.
CS Department of Biochemistry, Robert Wood Johnson Medical School, UMDNJ,
675 Hoes Lane, Piscataway, NJ 08854, United States.
SO Advances in Experimental Medicine and Biology, (1995), 379/- (147-154)
CODEN: AEMBAP ISSN: 0065-2598
DT Journal; General Review
CY United States
LA English

L2 ANSWER 180 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 96
AN 1995:483213 BIOSIS
DN PREV199598497513
TI Folding pathway mediated by an ***intramolecular*** ***chaperone***
: Characterization of the structural changes in pro-subtilisin E
coincident with autoprocessing.
AU Shinde, Ujwal; Inouye, Masayori [Reprint author]
CS Dep. Biochem., Robert Johnson Med. Sch., Univ. Med. Dent. New Jersey, 675
Hoes Lane, Piscataway, NJ 08854, USA
SO Journal of Molecular Biology, (1995) Vol. 252, No. 1, pp. 25-30.
CODEN: JMOBAK. ISSN: 0022-2836.
DT Article
LA English
ED Entered STN: 9 Nov 1995
Last Updated on STN: 9 Nov 1995

L2 ANSWER 181 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:493067 CAPLUS
DN 125:161204
TI Propeptide mediated protein folding: ***Intramolecular***
chaperones
AU Shinde, Ujwal; Li, Yuyun; Inouye, Masayori
CS Robert Wood Johnson Medical School, University Medicine and Dentistry New
Jersey, Piscataway, NJ, USA
SO Intramolecular Chaperones and Protein Folding (1995), 1-9. Editor(s):
Shinde, Ujwal; Inouye, Masayori. Publisher: Landes, Austin, Tex.
CODEN: 63EUA7
DT Conference; General Review
LA English

L2 ANSWER 182 OF 216 DISSABS COPYRIGHT (C) 2004 ProQuest Information and
Learning Company; All Rights Reserved on STN
AN 95:6755 DISSABS Order Number: AAR9434283
TI PROTEOLYTIC MATURATION OF VACCINIA VIRUS STRUCTURAL PROTEINS: ENZYME AND
SUBSTRATE ANALYSIS
AU WHITEHEAD, STEPHEN S. [PH.D.]
CS OREGON STATE UNIVERSITY (0172)
SO Dissertation Abstracts International, (1994) Vol. 55, No. 8B, p. 3137.
Order No.: AAR9434283. 105 pages.
DT Dissertation
FS DAI
LA English
ED Entered STN: 19950216
Last Updated on STN: 19950216

L2 ANSWER 183 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:695948 CAPLUS
DN 121:295948
TI Involvement of the COOH-terminal pro-sequence of *Serratia marcescens*
serine protease in the folding of the mature enzyme
AU Ohnishi, Yasuo; Nishiyama, Makoto; Horinouchi, Sueharu; Beppu, Teruhiko
CS Dep. Biotechnol., Univ. Tokyo, Tokyo, 113, Japan
SO Journal of Biological Chemistry (1994), 269(52), 32800-6
CODEN: JBCHA3; ISSN: 0021-9258
PB American Society for Biochemistry and Molecular Biology
DT Journal
LA English

L2 ANSWER 184 OF 216 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN DUPLICATE 97
AN 95:62697 AGRICOLA
DN IND20483688
TI The pro region of human intestinal lactase-phlorizin hydrolase.

AU Naim, H.Y.; Jacob, R.; Naim, H.; Sambrook, J.F.; Gething, M.J.H.
CS University of Dusseldorf, Dusseldorf, Germany.
AV DNAL (381 J824)
SO The Journal of biological chemistry, Oct 28, 1994. Vol. 269, No. 43. p.
26933-26943
Publisher: Bethesda, Md. : American Society for Biochemistry and Molecular
Biology.
CODEN: JBCHA3; ISSN: 0021-9258
NTE Includes references
CY Maryland; United States
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L2 ANSWER 185 OF 216 AQUASCI COPYRIGHT 2004 FAO (on behalf of the ASFA
Advisory Board). All rights reserved. on STN
AN 96:798 AQUASCI
DN ASFA1 1996 26-00757
TI The propeptide of anglerfish preprosomatostatin-I rescues
prosomatostatin-II from intracellular degradation
AU Chen, Y.-G.; Danoff, A.; Shields, D.*
CS Dep. and Molec. Biol., Albert Einstein Coll. Med., Bronx, NY 10461, USA
SO J. BIOL. CHEM., (1994) vol. 270, no. 31, pp. 18598-18605.
ISSN: 0021-9258.
DT Journal
FS ASFA1
LA English
SL English

L2 ANSWER 186 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 94:96821 SCISEARCH
GA The Genuine Article (R) Number: MW989
TI AUTOPROCESSING OF PROTHIOLSUBTILISIN-E IN WHICH ACTIVE-SITE SERINE-221 IS
ALTERED TO CYSTEINE
AU LI Y Y; INOUYE M (Reprint)
CS UNIV MED & DENT NEW JERSEY, ROBERT WOOD JOHNSON MED SCH, DEPT BIOCHEM,
PISCATAWAY, NJ, 08854 (Reprint); UNIV MED & DENT NEW JERSEY, ROBERT WOOD
JOHNSON MED SCH, DEPT BIOCHEM, PISCATAWAY, NJ, 08854
CYA USA
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (11 FEB 1994) Vol. 269, No. 6, pp.
4169-4174.
ISSN: 0021-9258.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 29
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 187 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 98
AN 1994:295505 BIOSIS
DN PREV199497308505
TI The structural and functional organization of ***intramolecular***
chaperones : The N-terminal propeptides which mediate protein
folding.
AU Shinde, Ujwal; Inouye, Masayori
CS Dep. Biochem., Univ. Med. Dentistry New Jersey, Robert Wood Johnson Med.
Sch., 675 Hoes Lane, Piscataway, NJ 08854, USA
SO Journal of Biochemistry (Tokyo), (1994) Vol. 115, No. 4, pp. 629-636.
CODEN: JOBIAO. ISSN: 0021-924X.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 13 Jul 1994
Last Updated on STN: 13 Jul 1994

L2 ANSWER 188 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 99
AN 1994:133086 BIOSIS
DN PREV199497146086
TI A covalently trapped folding intermediate of subtilisin E: Spontaneous
dimerization of a prosubtilisin E Ser49Cys mutant in vivo and its
autoprocessing in vitro.
AU Hu, Zhixiang; Zhu, Xueli; Jordan, Frank [Reprint author]; Inouye, Masayori
CS Dep. Chem., Rutgers Univ., State Univ. N.J., Newark, NJ 07102, USA
SO Biochemistry, (1994) Vol. 33, No. 2, pp. 562-569.

DT CODEN: BICBHW. ISSN: 0006-2960.
LA Article
LA English
ED Entered STN: 24 Mar 1994
ED Last Updated on STN: 25 Mar 1994

L2 ANSWER 189 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1995:51892 BIOSIS
DN PREV199598066192
TI The pro region of human intestinal lactase-phlorizin hydrolase.
AU Naim, Hassan Y. [Reprint author]; Jacob, Ralf; Naim, Hussein Y.; Sambrook, Joseph; Gething, Mary-Jane
CS Inst. Microbiol., Univ. Duesseldorf, Duesseldorf, Germany
SO Molecular Biology of the Cell, (1994) Vol. 5, No. SUPPL., pp. 206A.
Meeting Info.: Thirty-fourth Annual Meeting of the American Society for Cell Biology. San Francisco, California, USA. December 10-14, 1994.
CODEN: MBCEEV. ISSN: 1059-1524.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)

LA English
ED Entered STN: 31 Jan 1995
ED Last Updated on STN: 14 Mar 1995

L2 ANSWER 190 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 100
AN 1994:530942 BIOSIS
DN PREV199497543942
TI The pro-peptide of the pro-beta-polypeptide chain of human beta-hexosaminidase is necessary for proper protein folding and exit from the endoplasmic reticulum.
AU Sagherian, Carmelina; Thorner, Paul; Mahuran, Don [Reprint author]
CS The Res. Inst., Hosp. Sick Child., 555 University Ave., Toronto, ON M5G 1X8, Canada
SO Biochemical and Biophysical Research Communications, (1994) Vol. 204, No. 1, pp. 135-141.
CODEN: BBRCA9. ISSN: 0006-291X.

DT Article
LA English
ED Entered STN: 15 Dec 1994
ED Last Updated on STN: 16 Dec 1994

L2 ANSWER 191 OF 216 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 94:520078 SCISEARCH
GA The Genuine Article (R) Number: PC670
TI RENATURATION OF THE MATURE SUBTILISIN BPN' IMMOBILIZED ON AGAROSE BEADS
AU HAYASHI T; MATSUBARA M; NOHARA D; KOJIMA S; MIURA K; SAKAI T (Reprint)
CS NAGOYA CITY UNIV, FAC PHARMACEUT SCI, DEPT CHEM REACT ENGN, MIZUHO KU, 3-1 TANABE DORI, NAGOYA, AICHI 467, JAPAN (Reprint); NAGOYA CITY UNIV, FAC PHARMACEUT SCI, DEPT CHEM REACT ENGN, MIZUHO KU, NAGOYA, AICHI 467, JAPAN; GAKUSHUIN UNIV, INST BIOMOLEC SCI, TOSHIMA KU, TOKYO 171, JAPAN
CYA JAPAN
SO FEBS LETTERS, (15 AUG 1994) Vol. 350, No. 1, pp. 109-112.
ISSN: 0014-5793.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 17
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 192 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 101
AN 1993:431708 BIOSIS
DN PREV199396086333
TI Folding pathway mediated by an ***intramolecular*** ***chaperone***
AU Shinde, Ujwal; Li, Yuyun; Chatterjee, Sukalyan; Inouye, Masayori [Reprint author]
CS Dep. Biochem., Robert Wood Johnson Med. Sch., Univ. Med. Dentistry New Jersey, 675 Hoes Lane, Piscataway, NJ 08854, USA
SO Proceedings of the National Academy of Sciences of the United States of America, (1993) Vol. 90, No. 15, pp. 6924-6928.
CODEN: PNASA6. ISSN: 0027-8424.

DT Article
LA English
ED Entered STN: 22 Sep 1993

Last Updated on STN: 23 Sep 1993

- L2 ANSWER 193 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 102
- AN 1994:28731 BIOSIS
- DN PREV199497041731
- TI ***Intramolecular*** ***chaperones*** and protein folding.
- AU Shinde, Ujwal; Inouye, Masayori
- CS Dep. Biochem., Robert Wood Johnson Med. Sch., Univ. Med. Dentistry New Jersey, 675 Hoes Lane, Piscataway, NJ 08854, USA
- SO Trends in Biochemical Sciences, (1993) Vol. 18, No. 11, pp. 442-446.
- CODEN: TBSCDB. ISSN: 0376-5067.
- DT Article
- LA English
- ED Entered STN: 27 Jan 1994
Last Updated on STN: 27 Jan 1994
- L2 ANSWER 194 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 103
- AN 1994:19946 BIOSIS
- DN PREV199497032946
- TI The pro sequence of lactase-phlorizin hydrolase is required for the enzyme to reach the plasma membrane: An ***intramolecular*** ***chaperone*** ?.
- AU Oberholzer, Thomas; Mantei, Ned; Semenza, Giorgio [Reprint author]
- CS Dep. Biochem., Swiss Federal Inst. Technol., ETH-Zentrum, CH-8092 Zurich, Switzerland
- SO FEBS (Federation of European Biochemical Societies) Letters, (1993) Vol. 333, No. 1-2, pp. 127-131.
- CODEN: FEBLAL. ISSN: 0014-5793.
- DT Article
- LA English
- ED Entered STN: 25 Jan 1994
Last Updated on STN: 5 Mar 1994
- L2 ANSWER 195 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 104
- AN 1992:506257 BIOSIS
- DN PREV199294124782; BA94:124782
- TI FUNCTIONAL ANALYSIS OF THE ***INTRAMOLECULAR*** ***CHAPERONE*** MUTATIONAL HOT SPOTS IN THE SUBTILISIN PRO-PEPTIDE AND A SECOND-SITE SUPPRESSOR MUTATION WITHIN THE SUBTILISIN MOLECULE.
- AU KOBAYASHI T [Reprint author]; INOUYE M
- CS DEP BIOCHEM, ROBERT WOOD JOHNSON MED SCH, UNIV MED DENTISTRY NEW JERSEY RUTGERS, PISCATAWAY, NJ 08854, USA
- SO Journal of Molecular Biology, (1992) Vol. 226, No. 4, pp. 931-933.
- CODEN: JMOLAK. ISSN: 0022-2836.
- DT Article
- FS BA
- LA ENGLISH
- ED Entered STN: 9 Nov 1992
Last Updated on STN: 24 Dec 1992
- L2 ANSWER 196 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
- AN 1993:119357 CAPLUS
- DN 118:119357
- TI ***Intramolecular*** ***chaperone*** : the role of the pro-peptide in protein folding
- AU Inouye, Masayori
- CS Robert Wood Johnson Med. Sch., Univ. Med., Piscataway, NJ, USA
- SO Enzyme (1992), Volume Date 1991, 45(5-6), 314-21
- CODEN: ENZYBT; ISSN: 0013-9432
- DT Journal; General Review
- LA English
- L2 ANSWER 197 OF 216 CAPLUS COPYRIGHT 2004 ACS on STN
- AN 1992:146778 CAPLUS
- DN 116:146778
- TI Pro-peptide as an intermolecular chaperone: renaturation of denatured subtilisin E with a synthetic pro-peptide [Erratum to document cited in CA115(17):178174r]
- AU Ohta, Y.; Hojo, H.; Aimoto, S.; Kobayashi, T.; Zhu, X.; Jordan, F.; Inouye, M.
- CS Robert Wood Johnson Med. Sch., UMDNJ, Piscataway, NJ, 08854-5635, USA
- SO Molecular Microbiology (1991), 5(12), 3090
- CODEN: MOMIEE; ISSN: 0950-382X

DT Journal
LA English

L2 ANSWER 198 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 105

AN 1992:239257 BIOSIS

DN PREV199293127282; BA93:127282

TI CORRECTION OF BA 92080381. PRO-PEPTIDE AS AN ***INTRAMOLECULAR***
CHAPERONE RENATURATION OF DENATURED SUBTILISIN E WITH A SYNTHETIC
PRO-PEPTIDE. CORRECTION OF TITLE AND ABSTRACT FROM PRO-PEPTIDE AS AN
INTERMOLECULAR CHAPERONE RENATURATION OF DENATURED SUBTILISIN E WITH A
SYNTHETIC PRO-PEPTIDE. ERRATUM PUBLISHED IN MOL MICROBIOL VOL. 5. ISS. 12.
1991. P. 3090.

AU OHTA Y [Reprint author]; HOJO H; AIMOTO S; KOBAYASHI T; ZHU X; JORDAN F;
INOUE M

CS DEP BIOCHEM, UMDNJ-ROBERT WOOD JOHNSON MED SCH, 675 HOES LANE, PISCATAWAY,
NJ 08854-5635, USA

SO Molecular Microbiology, (1991) Vol. 5, No. 6, pp. 1507-1510.
CODEN: MOMIEE. ISSN: 0950-382X.

DT Article
Errata

FS BA

LA ENGLISH

ED Entered STN: 10 May 1992
Last Updated on STN: 1 Jul 1992

L2 ANSWER 199 OF 216 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS
RESERVED. on STN DUPLICATE 106

AN 92352142 EMBASE

DN 1992352142

TI ***Intramolecular*** ***chaperone*** : The role of the pro-peptide
in protein folding.

AU Inouye M.

CS Department of Biochemistry, UMDNJ at Rutgers, Robert Wood Johnson Medical
School, 675 Hoes Lane, Piscataway, NJ 08854, United States

SO Enzyme, (1991) 45/5-6 (314-321).
ISSN: 0013-9432 CODEN: ENZYBT

CY Switzerland

DT Journal; General Review

FS 029 Clinical Biochemistry

LA English

SL English

L2 ANSWER 200 OF 216 BIOCOMMERCE COPYRIGHT 2004 BioCommerce Data Ltd. on
STN

AN 0103721 BIOCOMMERCE FS Abstract

CO Robert Wood Johnson Medical School (16046), USA
New Jersey, University of Medicine and Dentistry of (3413), USA

SO Trends in Biochemical Sciences, NOV 1993, vol. 1811, Page(s) 442-446.

TC General Review

L2 ANSWER 201 OF 216 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAY42861 protein DGENE

TI New chimeric proteins containing human growth hormone fragment, used
particularly for the production of human insulin -

IN Gan Z

PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.

PI WO 9950302 A1 19991007 46p

AI WO 1998-CN52 19980331

PRAI WO 1998-CN52 19980331

DT Patent

LA English

OS 1999-610839 [52]

DESC Chimeric protein, SEQ ID 7.

L2 ANSWER 202 OF 216 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAY42860 protein DGENE

TI New chimeric proteins containing human growth hormone fragment, used
particularly for the production of human insulin -

IN Gan Z

PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.

PI WO 9950302 A1 19991007 46p

AI WO 1998-CN52 19980331

PRAI WO 1998-CN52 19980331

DT Patent

LA English

OS 1999-610839 [52]
DESC hGH-mini-proinsulin chimeric protein.

L2 ANSWER 203 OF 216 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42859 protein DGENE
TI New chimeric proteins containing human growth hormone fragment, used particularly for the production of human insulin -
IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC Human insulin precursor, SEQ ID 5.

L2 ANSWER 204 OF 216 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42858 protein DGENE
TI New chimeric proteins containing human growth hormone fragment, used particularly for the production of human insulin -
IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC Human insulin precursor, SEQ ID 5.

L2 ANSWER 205 OF 216 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42857 peptide DGENE
TI New chimeric proteins containing human growth hormone fragment, used particularly for the production of human insulin -
IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC Cleavable peptide linker for hGH-mini-proinsulin chimeric protein.

L2 ANSWER 206 OF 216 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42856 protein DGENE
TI New chimeric proteins containing human growth hormone fragment, used particularly for the production of human insulin -
IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC Human growth hormone (hGH) N-terminal fragment #2.

L2 ANSWER 207 OF 216 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42855 protein DGENE
TI New chimeric proteins containing human growth hormone fragment, used particularly for the production of human insulin -
IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC Human growth hormone (hGH) N-terminal fragment #1.

L2 ANSWER 208 OF 216 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:180686 FEDRIP
NR CRISP 1R01GM65970-01A1

TI Dimerization mechanisms of two procaspase subfamilies
SF Principal Investigator: CLARK, ALLAN C; CLAY_CLARK@NCSU.EDU, NORTH
CAROLINA ST UNIV, 128 POLK HALL NCSU BOX 7622
CSP NORTH CAROLINA STATE UNIVERSITY RALEIGH, RALEIGH, NORTH CAROLINA
CSS Supported By: NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
DB 2005 (/01/03)
FYR 2003
DE 2004 (/30/08)
FU New Award (Type 1)
FS National Institutes of Health

L2 ANSWER 209 OF 216 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:180055 FEDRIP
NR CRISP 5R01GM63834-03
TI STRUCTURAL OF THE APOPTOSOME & ITS ROLE IN CELL DEATH
SF Principal Investigator: AKEY, CHRISTOPHER W.; AKEY@MED-BIOPHM.BU.EDU,
BOSTON UNIV SCHOOL OF MEDICINE, 715 ALBANY STREET, W302
CSP BOSTON UNIVERSITY MEDICAL CAMPUS, BOSTON, MASSACHUSETTS
CSS Supported By: NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
DB 2007 (/01/01)
FYR 2003
DE 2006 (/30/05)
FU Noncompeting Continuation (Type 5)
FS National Institutes of Health

L2 ANSWER 210 OF 216 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:178090 FEDRIP
NR CRISP 2R01GM56419-05A1
TI Propeptide-Mediated Protein Folding
SF Principal Investigator: INOUYE, MASAYORI; INOUYE@UMDNJ.EDU, UMDNJ-ROBERT W
JOHNSON MED SCH, 675 HOES LANE
CSP UNIV OF MED/DENT NJ-R W JOHNSON MED SCH, PISCATAWAY, NEW JERSEY
CSS Supported By: NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
DB 2005 (/01/98)
FYR 2003
DE 2007 (/31/07)
FU Competing Continuation (Type 2)
FS National Institutes of Health

L2 ANSWER 211 OF 216 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:152785 FEDRIP
NR CRISP 5P01CA50661-15 0006
TI SIGNAL TRANSDUCTION PATHWAYS OF POLYOMA MIDDLE T
SF Principal Investigator: SCHAFFHAUSEN, BRIAN S; DANA-FARBER CANCER
INSTITUTE
CSP DANA-FARBER CANCER INSTITUTE, BOSTON, MASSACHUSETTS
CSS Supported By: NATIONAL CANCER INSTITUTE
DB 2007 (/01/89)
FYR 2003
DE 2002 (/29/04)
FU Noncompeting Continuation (Type 5)
FS National Institutes of Health

L2 ANSWER 212 OF 216 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:149472 FEDRIP
NR CRISP 5R01AR45909-04
TI AGGREGAN FOLDING, CHAPERONES, AND INTRACELLULAR ROUTING
SF Principal Investigator: TANZER, MARVIN L; TANZER@MBCG.UCHC.EDU, UNIV OF
CONNECTICUT, 263 FARMINGTON AVE
CSP UNIVERSITY OF CONNECTICUT SCH OF MED/DNT, FARMINGTON, CONNECTICUT
CSS Supported By: NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN
DISEASES
DB 2004 (/01/99)
FYR 2002
DE 2003 (/31/04)
FU Noncompeting Continuation (Type 5)
FS National Institutes of Health

L2 ANSWER 213 OF 216 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:143549 FEDRIP
NR CRISP 5R01AI26187-13
TI PROTEASE SECRETION IN PSEUDOMONAS AERUGINOSA
SF Principal Investigator: ODHMAN, DENNIS E.; DEOHMAN@MAIL2.VCU.EDU, VA CW
UNIV MED COLL VA CAMPUS, 1101 E MARSHALL ST/ RM 5-051
CSP VIRGINIA COMMONWEALTH UNIVERSITY, RICHMOND, VIRGINIA
CSS Supported By: NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES

DB 2004 (/01/88)
FYR 2003
DE 2006 (/30/04)
FU Noncompeting Continuation (Type 5)
FS National Institutes of Health

L2 ANSWER 214 OF 216 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1993:81984 BIOSIS
DN PREV199344036234
TI ***Intramolecular*** ***chaperone*** : The role of the pro-peptide
in protein folding.
AU Inouye, Masayori
CS Dep. Biochem., University Med. Dentistry, New Jersey at Rutgers, Robert
Wood Johnson Med. Sch., 675 Hoes Lane, Piscataway, N.J. 08854, USA
SO Enzyme (Basel), Vol. 45, No. 5-6, pp. 314-321. 1991 (1992).
CODEN: ENZYBT. ISSN: 0013-9432.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 1 Feb 1993
Last Updated on STN: 2 Feb 1993

L2 ANSWER 215 OF 216 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN
AN 2004:9122 AGRICOLA
DN IND43616433
TI A new approach for alteration of protease functions: pro-sequence
engineering.
AU Takagi, H.; Takahashi, M.
SO Applied microbiology and biotechnology, p. 1-9
ISSN: 0175-7598
NTE Includes references
DT Article; (SURVEY OF LITURATURE)
FS Non US
LA English

L2 ANSWER 216 OF 216 CONFSCI COPYRIGHT 2004 CSA on STN
AN 2000:47265 CONFSCI
DN 00-044136
TI ***Intramolecular*** ***chaperone*** mediated folding of
subtilisin
AU Shinde, U.P.; Fu, X.; Marie-Claire, C.; Yabuta, Y.; Inouye, M.
SO American Chemical Society, 1155 16th St., NW, Washington, DC 20036, USA;
phone: (202) 872-6059; fax: (202) 872-6128; email: v_beatty@acs.org; URL:
www.acs.org.
Meeting Info.: 001 0107: 219. Meeting and Exposition of the American
Chemical Society (0010107). San Francisco, CA (USA). 26-30 Mar 2000.
American Chemical Society.
DT Conference
FS DCCP
LA English

=> S somatotropin OR human-growth-hormone OR hgh
11 FILES SEARCHED...
22 FILES SEARCHED...
34 FILES SEARCHED...
49 FILES SEARCHED...
61 FILES SEARCHED...
L3 161989 SOMATOTROPIN OR HUMAN-GROWTH-HORMONE OR HGH

=> S fusion protein OR chimeric protein OR chimera OR heterologous protein
11 FILES SEARCHED...
20 FILES SEARCHED...
22 FILES SEARCHED...
30 FILES SEARCHED...
42 FILES SEARCHED...
49 FILES SEARCHED...
61 FILES SEARCHED...
L4 783403 FUSION PROTEIN OR CHIMERIC PROTEIN OR CHIMERA OR HETEROLOGOUS
PROTEIN

=> S human insulin precursor
12 FILES SEARCHED...

22 FILES SEARCHED...
42 FILES SEARCHED...
60 FILES SEARCHED...
L5 337 HUMAN INSULIN PRECURSOR

=> S L3 AND L4 AND L5
40 FILES SEARCHED...
L6 17 L3 AND L4 AND L5

=> DUP REM L6
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE, DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET, MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'. ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L6
L7 16 DUP REM L6 (1 DUPLICATE REMOVED)

=> D L7 1-16

L7 ANSWER 1 OF 16 USPATFULL on STN
AN 2004:178941 USPATFULL
TI Composition and method to alter lean body mass and bone properties in a subject
IN Draghia-Akli, Ruxandra, Houston, TX, UNITED STATES
Schwartz, Robert J., Houston, TX, UNITED STATES
PA Baylor College of Medicine, Houston, TX, UNITED STATES, 77030 (U.S. corporation)
PI US 2004138111 A1 20040715
AI US 2002-281067 A1 20021025 (10)
PRAI US 2001-357808P 20011026 (60)
DT Utility
FS APPLICATION
LN.CNT 3991
INCL INCLM: 514/012.000
NCL NCLM: 514/012.000
IC [7]
ICM: A61K038-25

L7 ANSWER 2 OF 16 USPATFULL on STN
AN 2004:76164 USPATFULL
TI Plasmid mediated supplementation for treating chronically ill subjects
IN Draghia-Akli, Ruxandra, Houston, TX, UNITED STATES
Carpenter, Robert H., Bastrop, TX, UNITED STATES
Kern, Douglas R., The Woodlands, TX, UNITED STATES
Schwartz, Robert J., Houston, TX, UNITED STATES
King, Glen, Rosharon, TX, UNITED STATES
Hahn, Kevin, Missouri City, TX, UNITED STATES
Brenner, Malcolm K., Bellaire, TX, UNITED STATES
PA ADVISYS, Inc., The Woodlands, TX, 77381 (U.S. corporation)
Baylor College of Medicine, Houston, TX, 77030 (U.S. corporation)
PI US 2004057941 A1 20040325
AI US 2002-315907 A1 20021210 (10)
PRAI US 2001-339610P 20011211 (60)
DT Utility
FS APPLICATION
LN.CNT 5986
INCL INCLM: 424/093.210
INCLS: 514/044.000
NCL NCLM: 424/093.210
NCLS: 514/044.000
IC [7]
ICM: A61K048-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 16 USPATFULL on STN
AN 2004:69593 USPATFULL
TI Fusion proteins comprising DP-178 and other viral fusion inhibitor peptides useful for treating aids
IN Bolognesi, Dani Paul, Durham, NC, UNITED STATES
Matthews, Thomas James, Durham, NC, UNITED STATES
Wild, Carl T., Durham, NC, UNITED STATES
Barney, Shawn O'apost Lin, Cary, NC, UNITED STATES
Lambert, Dennis Michael, Cary, NC, UNITED STATES
Petteway, Stephen Robert, Cary, NC, UNITED STATES
Langlois, Alphonse J., Durham, NC, UNITED STATES
PA Duke University (U.S. corporation)

PI Trimeris, Inc. (U.S. corporation)
US 2004052820 A1 20040318
AI US 2002-267748 A1 20021008 (10)
RLI Continuation of Ser. No. US 1995-484223, filed on 7 Jun 1995, PENDING
Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, GRANTED, Pat.
No. US 6479055 Continuation-in-part of Ser. No. US 1994-360107, filed on
20 Dec 1994, GRANTED, Pat. No. US 6017536 Continuation-in-part of Ser.
No. US 1994-255208, filed on 7 Jun 1994, GRANTED, Pat. No. US 6440656
Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993,
GRANTED, Pat. No. US 5464933
DT Utility
FS APPLICATION
LN.CNT 40442
INCL INCLM: 424/208.100
INCLS: 424/188.100; 530/350.000; 424/204.100; 530/300.000
NCL NCLM: 424/208.100
NCLS: 424/188.100; 530/350.000; 424/204.100; 530/300.000
IC [7]
ICM: A61K039-21
ICS: C07K014-16; A61K039-12; C07K002-00; C07K004-00; C07K005-00;
C07K007-00; C07K014-00; C07K016-00; C07K017-00; A61K038-00; C07K001-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 16 USPATFULL on STN
AN 2004:50778 USPATFULL
TI Gene expression in bladder tumors
IN Orntoft, Torben F., Aabyhoj, DENMARK
PI US 2004038207 A1 20040226
AI US 2001-951968 A1 20010914 (9)
RLI Division of Ser. No. US 2000-510643, filed on 22 Feb 2000, UNKNOWN
DT Utility
FS APPLICATION
LN.CNT 28561
INCL INCLM: 435/006.000
NCL NCLM: 435/006.000
IC [7]
ICM: C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 16 USPATFULL on STN
AN 2004:44245 USPATFULL
TI Nucleic acids encoding DP-178 and other viral fusion inhibitor peptides
useful for treating aids
IN Bolognesi, Dani Paul, Durham, NC, UNITED STATES
Matthews, Thomas James, Durham, NC, UNITED STATES
Wild, Carl T., Durham, NC, UNITED STATES
PA Duke University (U.S. corporation)
PI US 2004033235 A1 20040219
AI US 2003-267682 A1 20030106 (10)
RLI Continuation of Ser. No. US 1995-484223, filed on 7 Jun 1995, PENDING
Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, GRANTED, Pat.
No. US 6479055 Continuation-in-part of Ser. No. US 1994-360107, filed on
20 Dec 1994, GRANTED, Pat. No. US 6017536 Continuation-in-part of Ser.
No. US 1994-255208, filed on 7 Jun 1994, GRANTED, Pat. No. US 6440656
Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993,
GRANTED, Pat. No. US 5464933
DT Utility
FS APPLICATION
LN.CNT 59510
INCL INCLM: 424/186.100
INCLS: 424/188.100; 530/350.000; 424/208.100; 424/187.100
NCL NCLM: 424/186.100
NCLS: 424/188.100; 530/350.000; 424/208.100; 424/187.100
IC [7]
ICM: A61K039-21
ICS: A61K039-12; C07K014-16; C07K014-10; C07K014-05; C07K014-11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 16 USPATFULL on STN
AN 2003:40533 USPATFULL
TI Methods for the inhibition of epstein-barr virus transmission employing
anti-viral peptides capable of abrogating viral fusion and transmission
IN Barney, Shawn O'Lin, Cary, NC, United States
Lambert, Dennis Michael, Cary, NC, United States
Petteway, Stephen Robert, Cary, NC, United States
PA Trimeris, Inc., Durham, NC, United States (U.S. corporation)

PI US 6518013 B1 20030211
AI US 1995-485546 19950607 (8)
RLI Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994,
now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US
1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US
1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933
DT Utility
FS GRANTED
LN.CNT 24700
INCL INCLM: 435/005.000
INCLS: 424/230.100; 530/300.000; 530/324.000; 530/325.000; 530/326.000
NCL NCLM: 435/005.000
NCLS: 424/230.100; 530/300.000; 530/324.000; 530/325.000; 530/326.000
IC [7]
ICM: C12Q001-70
EXF 435/5; 530/300; 530/324-329; 530/350; 424/230.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 16 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 1
AN 10221005 IFIPAT;IFIUDB;IFICDB
TI ***CHIMERIC*** ***PROTEIN*** CONTAINING AN INTRAMOLECULAR
CHAPERONE-LIKE SEQUENCE
IN Gan Zhong-Ru (CN)
PI US 2002164712 A1 20021107
AI US 2002-54873 20020122
RLI WO 1998-CN52 19980331 Section 371 PCT Filing UNKNOWN
US 2000-423100 20001211 CONTINUATION PENDING
FI US 2002164712 20021107
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION

CLMN 77
GI 2 Figure(s).

FIGS. 1A and 1B. Structure of proinsulin and mature insulin with correctly formed disulfide bridges. 1A depicts the structure of proinsulin. 1B depicts the structure of mature insulin with correctly formed disulfide bridges.

FIG. 2. Map of the ***hGH*** -mini-proinsulin (SEQ ID NO: 6) expression vector (pZRhi-1).

L7 ANSWER 8 OF 16 USPATFULL on STN
AN 2002:297296 USPATFULL
TI Methods for inhibition of membrane fusion-associated events, including respiratory syncytial virus transmission
IN Bolognesi, Dani Paul, Durham, NC, United States
Matthews, Thomas James, Durham, NC, United States
Wild, Carl T., Durham, NC, United States
Barney, Shawn O'Lin, Cary, NC, United States
Lambert, Dennis Michael, Cary, NC, United States
Petteway, Stephen Robert, Cary, NC, United States
Langlois, Alphonse J., Durham, NC, United States
PA Trimeris, Inc., Durham, NC, United States (U.S. corporation)
PI US 6479055 B1 20021112
AI US 1995-470896 19950606 (8)
RLI Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994,
now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US
1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US
1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933
DT Utility
FS GRANTED
LN.CNT 26553
INCL INCLM: 424/211.100
INCLS: 424/186.100; 530/324.000
NCL NCLM: 424/211.100
NCLS: 424/186.100; 530/324.000
IC [7]
ICM: A61K039-145
EXF 435/5; 435/240.2; 424/184.1-189.1; 424/204.1-211.1; 424/225.1;
424/227.1; 424/230.1; 514/1; 514/2; 530/324; 530/350; 530/826
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 16 USPATFULL on STN
AN 2001:67794 USPATFULL
TI Human respiratory syncytial virus peptides with antifusogenic and
antiviral activities
IN Barney, Shawn O'Lin, Cary, NC, United States

Lambert, Dennis Michael, Cary, NC, United States
Petteway, Stephen Robert, Cary, NC, United States
Trimeris, Inc., Durham, NC, United States (U.S. corporation)
PA US 6228983 B1 20010508
PI AI US 1995-485264 19950607 (8)
RLI Division of Ser. No. US 1995-470896, filed on 6 Jun 1995
Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994
Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994
Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993, now
patented, Pat. No. US 5464933
DT Utility
FS Granted
LN.CNT 32166
INCL INCLM: 530/300.000
INCLS: 530/324.000; 530/325.000; 530/326.000; 424/211.100; 424/186.100
NCL NCLM: 530/300.000
NCLS: 424/186.100; 424/211.100; 530/324.000; 530/325.000; 530/326.000
IC [7]
ICM: A61K038-00
EXF 530/350; 530/324-329; 530/300; 424/211.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 16 USPATFULL on STN
AN 2000:121639 USPATFULL
TI Triazine based ligands and use thereof
IN Lowe, Christopher Robin, Saffron Walden, United Kingdom
Sproule, Kenneth, Cambridge, United Kingdom
Li, Rongxiu, Cambridge, United Kingdom
Stewart, David Johnson, Huntingdon, NY, United States
Pearson, James Christopher, Cambridge, United Kingdom
Burton, Steven James, Cambridge, United Kingdom
PA Novo Nordisk A/S, Bagsvaerd, Denmark (non-U.S. corporation)
PI US 6117996 20000912
AI US 1998-71927 19980501 (9)
RLI Continuation-in-part of Ser. No. US 1997-849502, filed on 5 Jun 1997,
now abandoned which is a continuation of Ser. No. WO 1996-DK399, filed
on 19 Sep 1996
PRAI GB 1995-19197 19950920
DK 1998-399 19980320
DT Utility
FS Granted
LN.CNT 1973
INCL INCLM: 544/216.000
INCLS: 544/215.000; 210/198.200
NCL NCLM: 544/216.000
NCLS: 210/198.200; 544/215.000
IC [7]
ICM: C07D251-02
EXF 544/215; 544/216; 210/198.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 16 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42861 protein DGENE
TI New ***chimeric*** ***proteins*** containing ***human***
growth ***hormone*** fragment, used particularly for the
production of human insulin -
IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC ***Chimeric*** ***protein*** . SEQ ID 7.

L7 ANSWER 12 OF 16 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42860 protein DGENE
TI New ***chimeric*** ***proteins*** containing ***human***
growth ***hormone*** fragment, used particularly for the
production of human insulin -
IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331

DT Patent
LA English
OS 1999-610839 [52]
DESC ***hGH*** -mini-proinsulin ***chimeric*** ***protein*** .

L7 ANSWER 13 OF 16 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42859 protein DGENE
TI New ***chimeric*** ***proteins*** containing ***human***
growth ***hormone*** fragment, used particularly for the
production of human insulin -

IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC ***Human*** ***insulin*** ***precursor*** , SEQ ID 5.

L7 ANSWER 14 OF 16 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42858 protein DGENE
TI New ***chimeric*** ***proteins*** containing ***human***
growth ***hormone*** fragment, used particularly for the
production of human insulin -

IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC ***Human*** ***insulin*** ***precursor*** , SEQ ID 5.

L7 ANSWER 15 OF 16 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42857 peptide DGENE
TI New ***chimeric*** ***proteins*** containing ***human***
growth ***hormone*** fragment, used particularly for the
production of human insulin -

IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC Cleavable peptide linker for ***hGH*** -mini-proinsulin
chimeric ***protein*** .

L7 ANSWER 16 OF 16 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAY42856 protein DGENE
TI New ***chimeric*** ***proteins*** containing ***human***
growth ***hormone*** fragment, used particularly for the
production of human insulin -

IN Gan Z
PA (TONG-N) TONGHUA GANTECH BIOTECHNOLOGY LTD.
PI WO 9950302 A1 19991007 46p
AI WO 1998-CN52 19980331
PRAI WO 1998-CN52 19980331
DT Patent
LA English
OS 1999-610839 [52]
DESC ***Human*** ***growth*** ***hormone*** (***hGH***)
N-terminal fragment #2.

STN INTERNATIONAL LOGOFF AT 11:47:22 ON 15 JUL 2004